LAUREN M. COILE, MAYOR

CITY OF ATHENS

ENGINEERING DEPARTMENT
ROOM 304, CITY HALL
P.O. BOX 1868
ATHENS, GEORGIA 30613-4199
(404)543-1111 — (404)548-7701

H. L. PITTARD, CITY ENGINEER
BENTON H. WILLIAMS
SR. ASST. CITY ENGINEER
GLENN M. COLEMAN
ENGINEER-IN-TRAINING

February 15, 1983

TO: Johnny Fowler

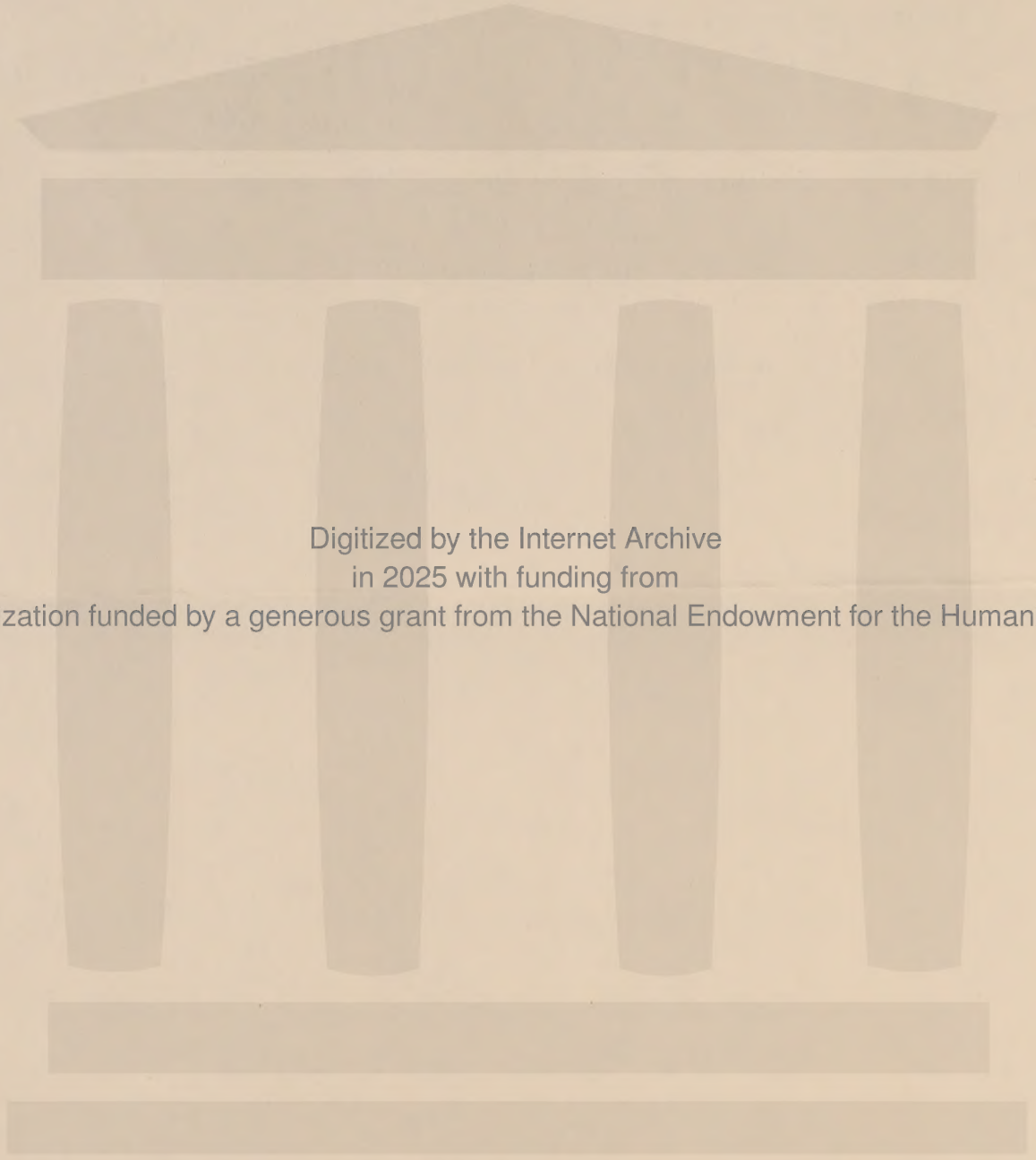
FROM: Wanda J. Glaze, Senior Secretary WJG

SUBJECT: Additions to Water System

Attached are the following original documents for filing with the original contract of W. L. Carey:

1. Certificate that all bills are paid;

2. Change Order No. 4.



Digitized by the Internet Archive
in 2025 with funding from
Digitization funded by a generous grant from the National Endowment for the Humanities.

https://archive.org/details/contractsspecifi00publ_30

W.L. CAREY, GENERAL CONTRACTOR, INC.

Home Phone (404) 245-8272
Office Phone (404) 245-7323

P. O. Box 441
Royston, Ga. 30662

February 7, 1983

Robert & Company Associates
96 Poplar Street, N.W.
Atlanta, Georgia 30335

RE: Addition to the Water System
Project# 800023
Athens, Georgia

Gentlemen:

This is to certify that all bills have been paid for materials, labor, and equipment.

Sincerely,

W.L. Carey, President
W.L. Carey General Contractor, Inc.

WLC/bd

Subscribed and sworn to before me
this 7 day of February, 1983.

Barbara David

Notary Public

My Commission Expires March 21, 1986

CHANGE ORDER

Contractor W. L. Carey General Contractor C.O. No. 4

Address P.O. Box 441, Royston, Ga., 30662 Date Jan. 12, 1983

Owner Mayor & Council of the City of Athens Address City Hall, Athens, Ga.

Project Additions to the Water System Location Athens, Ga.

Job No. 800023 Contract No. 800023-01

Changes in connection with the reference Contract have been approved as follows:

DESCRIPTION OF CHANGE		AMOUNT
1. Furnish and install additional 30" pipe and fitting to raise raw water pumping station discharge from approximate elevation 562.69 to 584.50	L.S.	$ 11,224.78
2. Due to time required to obtain and install the above pipe and fittings, extend completion date from July 16, 1982 to September 30, 1982.		No Charge

APPROVED:

Contractor W. L. Carey General Contractor, Inc.

By W L Carey Date 1/17/83

Owner City of Athens, Ga.

By Lawson M. Cole Date 2 Feb 83

Recommended for Approval
ROBERT AND COMPANY ASSOCIATES

By J. D. Hogan Date JAN 12 1983

Total this C.O. Add or Deduct	11,224.78
Prev. Contract Amount thru C.O. No. 3	$2,936,773.27
Add or Deduct this C.O. No.	11,224.78
Revised Contract Amount	$2,947,998.05

W.L. CAREY, GENERAL CONTRACTOR, INC.

Home Phone (404) 245-8272
Office Phone (404) 245-7323

P. O. Box 441
Royston, Ga. 30662

RECEIVED
JAN 2

January 24, 1982

Robert & Company Associates
96 Poplar Street, N.W.
Atlanta, Georgia 30335-6001

ATT: Harris Harper

RE: Athens Water Job
Athens, Georgia

Dear Sir:

We are listing a rundown of events on the water job. The river crossing was completed on September 24, 1981. In March of 1982, the elevation difference in the pumping station and raw water line were discussed with Jack Gray. The subject was brought up again and discussed at the April Progress Meeting.

In May, we determined what it would take to make the tie-in and the material that would be needed. The material was ordered on the 13th day of May, 1982. We received most of the material in July. One bend was on backorder and it was not received until around the 15th day of September, 1982.

The tie-in from the pumping station to the raw water line was completed September 22, 1982.

We are sending a copy of the letter from U.S. Pipe stating when the order was placed.

Sincerely,

W.L. Carey, President
W.L. Carey General Contractor, Inc.

WLC/bd

Enclosure

UNITED STATES PIPE AND FOUNDRY COMPANY
GENERAL OFFICE
3300 FIRST AVENUE NORTH • BIRMINGHAM, ALABAMA 35202

Jan. 17, 1983

W. L. Carey Const.
P. O. Box 441
Royston, Ga. 30662

Re: Athens, Ga. Pump Station

To whom it may concern,

Our records indicate that on May 13, 1982 Mr. Joe Gasken ordered additional 30" Restrained joint material for the yard tie-in to the above referenced job. If we can be of further service , please advise.

Sincerely,

W. G. Duffee, Jr.

W.L. CAREY, GENERAL CONTRACTOR, INC.

Home Phone (404) 245-8272
Office Phone (404) 245-7323

P. O. Box 441
Royston, Ga. 30662

January 11, 1983

Robert & Company Associates
96 Poplar Street, N.W.
Atlanta, Georgia 30335-6001

ATT: Harris Harper

RE: Raw Water Line
Project # 800023
Athens, Georgia

Dear Sir:

We submit change order "break down" for 30" Raw Water Line connection to the Pump Station discharge.

Labor		$ 1545.00
Equip. Rental - 45 Ton Crane	1 week	1100.00
Backhoe	3 days	360.00
		$ 3005.00
1 - 30" - 22½° Bend		$ 1944.00
1 - 30" M.J. Solid Sleeve		1560.00
1 piece 30" D.I. -Loc-Tyte 5'4"		289.88
1 piece 30" F.I. - Loc Tyte Bell - P.E. 2'5"		202.14
1 piece 30" Loc Tyte x 18' pipe		1176.84
1 rubber gasket		34.13
		$ 5206.99
Tax		208.29
Freight		165.84
Pick up item 2 - Chatt. yard of U.S. Pipe - 340 miles @ .18		61.20
Restrained Jt. Material		115.00
		$ 5757.32

TOTAL	$ 8,762.32
20%	1,752.46
	$ 10,514.78
Concrete collar and pier 3.55 cubic yds. @ 200 per yd.	710.00
	$ 11,224.78

See U.S. Pipe invoice for weight, freight, and pipe prices. Also, see equipment rental chart for rental scale.

Jack Gray can affirm the point to which he had paid us on the line contract.

This price does not include the 30" 90° Ell or piping on to the Venturi - this was in the Pumping Station contract.

The pipe and fittings for this were ordered in June, we received the last part of the shipment by picking the 30" M.J. Sleeve up at the U.S. Pipe yard in Chattanooga, Tennessee 9-15-82. It was installed the following week.

This being outside the scope of the original contract we request an extension of time from July 16 to September 30, 1982.

Sincerely,

W.L. Carey, President
W.L. Carey General Contractor, Inc.

WLC/bd

Enclosure

42 **UNITED STATES PIPE AND FOUNDRY COMPANY**

P. O. BOX 1224
T BIRMINGHAM, ALABAMA 35202
O

U.S. PIPE

- CAST IRON PRESSURE PIPE & FITTINGS
- CAST IRON SOIL PIPE & FITTINGS
- CENTRIFUGAL CAST STEEL TUBING
- CONCRETE PIPE
- SPECIAL CASTINGS
- VALVES & HYDRANTS
- WELDED STEEL PIPE

SALES ORDER NUMBER	SHIPPED FROM	DATE SHIPPED	SHIPPING LIST NO			CUST CODE NO	CLASS	USE	STATE	TER	CITY	TAX EXEMPT	INVOICE DATE	INVOICE NO
91-S -02194K	BR	07 20 82	043944	04	04	47647	34	1	10	1	059		07 23 82	441767

STOMER

CAREY CONSTRUCTION CO., M. L. CALL
P. O. BOX 441
ROYSTON, GA 30662
394 3445
(VICKIE) For confirmation & price

CUSTOMER ORDER NO AND/OR REQUISITION NO

TERMS - NET 30 DAYS NO DISCOUNT — A SERVICE CHARGE OF 1 1/2% PER MONTH WILL BE ADDED AFTER DUE DATE.

F.O.B.- DEST PREPAID — PREPAID

ROUTE ALL STATES

...EE CARLY CONST. CO. ATHENS, GEORGIA

FREIGHT ~~381.50~~ 165.84 — TOTAL WEIGHT ~~12684~~

ITEM NO	DESCRIPTION		PIECES	WEIGHT	UNIT PRICE	UNIT	FOOTAGE	AMOUNT
2	36" "TYTON" JOINT D.I. PIPE ACL SC	51	1	~~3,435~~ 271	43.170	FT	18.15	783.54
3	30" DUCTILE IRON PIPE " PE X PE DI PIPE 5'-4" LG ONE PE FOR MJ & PE FOR LOK TYTE ACL SC	052	1	766	289.880	EA		289.88
4	36" "LOK-TYTE" D.I. PIPE 18' 0" LONG ACL SC	52	1	2,780	65.380	FT	18.00	1176.84
5	30" DUCTILE IRON PIPE " "LOK TYTE" BELL X PE FOR "LOK-TYTE" DI PIPE 2'-5" LG ACL SC	052	1	371	202.140	EA		202.14
	30" TJ PLAIN RUBBER GASKET	0	1		34.130	EA		34.13
	~~24" "TYTON" JOINT D.I. PIPE~~ ~~TJ-BELL X PE FOR~~ ~~"LOK TYTE" DI PIPE~~ ~~ACL SC~~	51	1	1,920	22.720	FT	18.15	412.37
RV	130'- TH Rd-C70 BELL/SPIGOT RINGS, ASSEMBLED			278		NC		NO CHARGE
1	-30" SERIA SLEEVE (U.S. yard in CHATTANOOGA) Picked up 9/16/82			460#				1560.00

NO ADJUSTMENT CAN BE MADE FOR DAMAGE OR LOSS unless you immediately furnish UNITED STATES PIPE AND FOUNDRY COMPANY with freight bill, inspection report, or delivery receipt with a notation of the damage or shortage shown thereon over the signature of the transportation company's agent or driver.

The products of this company covered by this invoice were produced in compliance with the requirements of the Fair Labor Standards Act of 1938, as amended.

CONTINUED NEXT PAGE

ORIGINAL INVOICE 1-11" P.O. 2-9/11/82 ... later company

INVOICE TOTAL

UNITED STATES PIPE AND FOUNDRY COMPANY

T
O PAGE 2

U.S. PIPE

- CAST IRON PRESSURE PIPE & FITTINGS
- CAST IRON SOIL PIPE & FITTINGS
- CENTRIFUGAL CAST STEEL TUBING
- CONCRETE PIPE
- SPECIAL CASTINGS
- VALVES & HYDRANTS
- WELDED STEEL PIPE

SALES ORDER NUMBER	SHIPPED FROM	DATE SHIPPED	SHIPPING LIST NO			CUST CODE NO	CLASS	USE	STATE	TER	CITY	TAX EXEMPT	INVOICE DATE	INVOICE NO
1-S -02194K													07 23 82	441767

R

CUSTOMER ORDER NO AND/OR REQUISITION NO

TERMS - A SERVICE CHARGE OF — — PER MONTH WILL BE ADDED AFTER DUE DATE

F.O.B.

ROUTE

EE

FREIGHT	TOTAL WEIGHT

NO	DESCRIPTION	PIECES	WEIGHT	UNIT PRICE	UNIT	FOOTAGE	AMOUNT
	LOK-TYTE SPIGOT RINGS		903		NC		NO CHARGE
	CEMENT LINING, ACC., ETC.		1,995		NC		NO CHARGE
	4.5 % CA STATE AND LOCAL USE TAX						115.96

NO ADJUSTMENT CAN BE MADE FOR DAMAGE OR LOSS unless you immediately furnish UNITED STATES PIPE AND FOUNDRY COMPANY with freight bill, inspection report, or delivery receipt with a notation of the damage or shortage shown thereon over the signature of the transportation company's agent or driver.

The products of this company covered by this invoice were produced in compliance with the requirements of the Fair Labor Standards Act of 1938, as amended.

$ 3,014.86

UNITED STATES PIPE AND FOUNDRY COMPANY

P. O. BOX 1244
T BIRMINGHAM, ALABAMA 35202
O

U.S. PIPE

- CAST IRON PRESSURE PIPE & FITTINGS
- CAST IRON SOIL PIPE & FITTINGS
- CENTRIFUGAL CAST STEEL TUBING
- CONCRETE PIPE
- SPECIAL CASTINGS
- VALVES & HYDRANTS
- WELDED STEEL PIPE

SALES ORDER NUMBER	SHIPPED FROM	DATE SHIPPED	SHIPPING LIST NO			CUST CODE NO	CLASS	USE	STATE	TER	CITY	TAX EXEMPT	INVOICE DATE	INVOICE NO
[illegible]	[illegible]	5 19 82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		5 19 82	[illegible]

OMER

CAREY CONSTRUCTION CO., OF GA.
P. O. BOX [illegible]
HOUSTON, GA 31064

CUSTOMER ORDER NO AND/OR REQUISITION NO

TERMS - NET 30 DAYS NO DISCOUNT — A SERVICE CHARGE OF [illegible] PER MONTH WILL BE ADDED AFTER DUE DATE.

F.O.B. - DEST PREPAID — PREPAID

ROUTE ATLANTA MOTOR LINES

ISIGNEE
C/O CAREY CONSTR.
ATLANTA, GEORGIA

FREIGHT 260.64 — TOTAL WEIGHT 10473

NO.	DESCRIPTION		PIECES	WEIGHT	UNIT PRICE	UNIT	FOOTAGE	AMOUNT
1	[illegible]	[illegible]	1	[illegible]	[illegible]	EA		[illegible]
2	[illegible] 24" LONG	[illegible]	1	[illegible]	[illegible]	EA		[illegible]
3	[illegible]	[illegible]	1	[illegible]	[illegible]	EA		[illegible]
4	[illegible] 24" LONG	[illegible]	2	[illegible]	[illegible]	EA		[illegible]
	[illegible] GRAY IRON MJ GLANDS		1	91		NC		NO CHARGE
	[illegible] DUCTILE MJ GLANDS		4	212		NC		NO CHARGE
	[illegible] DUCTILE MJ GLANDS		1	999		NC		NO CHARGE
	[illegible] ACC., ETC.			208		NC		NO CHARGE
	[illegible]	STATE AND LOCAL USE TAX						[illegible]

NO ADJUSTMENT CAN BE MADE FOR DAMAGE OR LOSS unless you immediately furnish UNITED STATES PIPE AND FOUNDRY COMPANY with freight bill, inspection report, or delivery receipt with a notation of the damage or shortage shown thereon over the signature of the transportation company's agent or driver.
The products of this company covered by this invoice were produced in compliance with the requirements of the Fair Labor Standards Act of 1938, as amended.

$ [illegible] INVOICE TOTAL

a Jim Walter company

CHANGE ORDER

Contractor W. L. Carey General Contractor, Inc. C.O. No. 3

Address P.O. Box 441, Royston, Ga. 30662 Date June 15, 1982

Owner Mayor and Council of the City of Athens Address City Hall, Athens, Ga.

Project Additions to the Water System Location Athens, Ga.

Job No. 800023 Contract No. 800023-01

Changes in connection with the reference Contract have been approved as follows:

DESCRIPTION OF CHANGE	AMOUNT
1. Due to severe weather conditions and delays in obtaining easements, and tunnel permits, extend Contract No. 800023-01 completion date from March 31, 1982 to July 16, 1982	No Charge

APPROVED:

Contractor W.L. CAREY GENERAL CONT., INC.

By W. F. Carey Date 6-22-82

Owner CITY OF ATHENS, GEORGIA

By Doreen M. Curtis Date 7-16-82

Recommended for Approval
ROBERT AND COMPANY ASSOCIATES

By J. H. Hayes Date 7/13/82

Total this C.O. Add or Deduct	0.00
Prev. Contract Amount thru C.O. No. 2	$2,936,773.27
Add or Deduct this C.O. No. 3	0.00
Revised Contract Amount	$2,936,773.27

CHANGE ORDER

Contractor W. L.CAREY GENERAL CONTRACTOR, INC. C.O. No. 1

Address P. O. Box 441, Royston, Georgia Date May 21, 1981

Owner Mayor And Council of the City Of Athens Address City Hall, Athens, Georgia

Project Additions to the Water System Location Athens, Georgia

Job No. 800023 Contract No. 800023-01

Changes in connection with the reference Contract have been approved as follows:

DESCRIPTION OF CHANGE		UNIT PRICE	AMOUNT
1. Delete: 4080 L.F. of 20" D.I. Water Main	@	- $ 28.50/L.F.	- $ 116,280.00
2. Add: 4080 L.F. of 24" D.I. Water Main	@	+ $ 34.50/L.F.	+ $ 140,760.00
3. Delete: 205 L.F. of 20" D.I. Ball Joint Water Main	@	- $ 382.00/L.F.	- $ 78,310.00
4. Add: 205 L.F. of 24" D. I. Ball Joint Water Main	@	+ $ 446.00/L.F.	+ $ 91,430.00
5. Delete: 2 Ea. 20" Butterfly Valve And Box	@	- $2900.00/Each	- $ 5,800.00
6. Add: 2 Ea. 24" Butterfly Valve And Box	@	+ $3900.00/Each	+ $ 7,800.00
7. Add: 0.24 Tons D.I. Fittings	@	+ $3300.00/Ton	+ $ 792.00

APPROVED:

Contractor W. L. CAREY GENERAL CONTRACTOR, INC.

By W. L. Carey Date 6-2-81

Owner Mayor And Council of the City Of Athens

By Lewis M. Cobb Date 6-16-81

Recommended for Approval
ROBERTS AND COMPANY ASSOCIATES

By [signature] Date 6-5-81

Total this C.O. Add [redacted]	+ $ 40,392.00
Prev. Contract Amount thru C.O. No. 0	$2,892,851.46
Add [redacted] this C.O. No. 1	40,392.00
Revised Contract Amount	$2,933,243.46

ADDENDUM NO. 1

TO

SPECIFICATIONS AND CONTRACT DOCUMENTS

COVERING

ADDITIONS TO THE WATER SYSTEM - CONTRACT NO. 1

FOR

THE CITY OF ATHENS, GEORGIA

JOB NO. 800023-01 JULY 21, 1980

DATE OF THIS ADDENDUM: November 6, 1980

DATE OF BID OPENINGS: November 20, 1980-2:00 P.M., Local Time.

The Drawings, Specifications, and other Contract Documents are hereby revised as follows:

1. On page GC-10 of the Specifications, revise the last sentence of paragraph 21.a. to read as follows:

   "All rejected materials, equipment, or work shall be replaced with other equipment, materials, or work which conforms to the Drawings and Specifications, at no additional cost to the Owner."

2. On page GC-12 of the Specifications, delete paragraph 26.a. under LINES, GRADES AND MEASUREMENTS, and add the following:

   "a. The Contractor shall furnish two men of suitable ability to assist the Engineers in laying out alignment and grade and in the measurement of rock and other contract quantities. It is not intended to require two men with no other duties but the men shall be made available to the Engineers as required."

3. Under ROCK EXCAVATION on page DS-13 of the Specifications, delete the first paragraph at the top of the page and add the following:

   "When rock is encountered, the Contractor shall give the Resident Inspector a minimum twenty-four (24) hour notice to measure the rock before removal. No payment will be made for rock excavation without the measurements of the Resident Inspector at each location. At the option of the Contractor, the top elevation of rock shall be determined by one of the following methods:

a. The rock shall be stripped of earth and the Resident Inspector notified and given proper time to measure the rock before blasting.

b. With the Resident Inspector present, the Contractor shall employ a track drill or other suitable rock drilling equipment to penetrate the overburden down to solid rock. The top of rock elevation shall be determined by measuring the depth of the drill bit below the ground surface."

4. Under ROCK EXCAVATION on page DS-13 of the Specifications, the fourth paragraph from the top of the page shall be revised to read:

"Rock excavation shall be measured by the Resident Inspector and shall be the average actual length times a depth equal to 6" below the grade of the trench and the width shall be considered as 12" greater than the nominal diameter of the pipe being laid in the trench where rock is encountered."

5. On page DS-17 of the Specifications, after the last sentence under STERILIZING add the following:

"It will not be necessary to sterilize the 30" raw water main."

6. On Page DS-17 of the Specifications under ROAD CONSTRUCTION, revise the last sentence to read as follows:

"All fill shall be placed in layers not exceeding 6" in depth, loose measurement, and each layer shall be compacted to 95 percent of maximum density determined by the latest ASTM D698."

7. A subsurface investigation has been made at each tunnel location except the Southern Railroad Tunnel at Station 204+50. The Soil Report herewith attached and made a part of this addendum was prepared by Soil and Material Engineers, Inc. The information contained in this report is made available as an aid in evaluating subsoil conditions but is not to be construed as guaranteeing conditions throughout the site:

ROBERT AND COMPANY ASSOCIATES
ARCHITECTS-ENGINEERS-PLANNERS
96 POPLAR ST., N.W.
ATLANTA, GEORGIA 30303

SOIL & MATERIAL ENGINEERS INC. ENGINEERING-TESTING-INSPECTION

1937 Briarwood Ct., N.E., Atlanta, Georgia 30329, 404/325-1250

October 28, 1980

Robert and Company Associates
Architects, Engineers, Planners
96 Poplar Street, N.W.
Atlanta, Georgia 30303

ATTENTION: Mr. J. H. Harper,

Subject: Report of Subsurface Investigation
Proposed Additions to Water System
Athens, Georgia
S&ME Job No. AS-710

Gentlemen:

Soil and Material Engineers, Inc. is pleased to present this report of our subsurface investigation for the subject project. The work was done in general accordance with our proposal of services, No. 80-173, dated October 14, 1980. This report will present a description of the method of investigation, site and subsurface conditions, and our evaluations of the data.

METHOD OF INVESTIGATION

Nine borings were advanced by hollow stem augers and standard split-spoon samples were taken at regular intervals. Some borings were offset several times when shallow refusal was obtained in an effort to determine whether refusal was due to boulders, discontinuous rock, or continuous hard rock. Details of the drilling procedures are included in the Appendix as are the Soil Boring Records which provide graphical presentations of the standard penetration tests and descriptions of the conditions encountered at each location. Elevations on the Soil Boring Records are referenced to interpolated ground surface elevations obtained from the site plan. These elevations should therefore be considered approximate. Borings were located in most instances by taping off stakes placed by the surveyor along the center line of the water pipe.

SITE AND SUBSURFACE CONDITIONS

The area studied for this investigation consisted of six sites along the route of proposed new raw water pipes (24 and 30 inch) in Athens, Georgia. The route of these pipes is essentially parallel to that of the U.S. Highway 29 By-pass and covers approximately 3.5 miles. These six sites are at locations where the pipes cross streets and/or rail lines and large

tunnels will be constructed. Figure 1 shows the locations of these sites along the proposed route of the pipe.

Each boring is discussed briefly in the following paragraphs. The reader is referred to Figures 1 through 6 for boring locations and subsurface profiles as well as the Soil Boring Records in the Appendix for details of the conditions at each site.

Borings B-1, B-2 and B-3 are shown on Figure 2. These borings were placed on each side of and in the median of the U.S. 29 By-pass. Boring B-1, at the base of the south shoulder, found hard and very stiff residual sandy silt soils extending to 12 feet. Boring B-2 was placed in the median and encountered about 4 feet of possible fill consisting mainly of sandy silty clay. Partially weathered rock or boulder fill was reached at approximately 4 feet and extended to about 8 feet where refusal was obtained. This boring was offset three times to the west and one time to the east of the initial boring; each offset was about 8 feet from the original location. In each case, refusal was encountered at a depth of 8 to 9 feet. Boring B-3 was placed on the north shoulder of the By-pass. Five feet of very stiff fine sandy clayey silt representing residual soil or possible fill was encountered in this boring above partially weathered rock or boulder fill. The partially weathered rock or boulder fill extended to 7.5 feet where refusal was encountered. This boring was offset approximately 10 feet to the west and refusal was encountered at 8 feet.

Boring B-4 was placed on the west shoulder of Barber Street as shown on Figure 3. This boring found 13.5 feet of fill consisting of very stiff sandy silts underlain by silty clay. Alluvial materials described as clayey sandy silts were encountered below the fill materials and extended to at least 15 feet where the boring was terminated.

Figure 4 shows the locations of boring B-5 and B-5A on the west and east shoulders of Chase Street, respectively. Boring B-5 refused at 2.0 feet and so boring B-5A was placed on the opposite side of the street. This boring encountered about 6 inches of fill over residual soils consisting of stiff and very stiff sandy silts which extended to at least 10 feet, where the boring was terminated.

Boring B-6, next to the Seaboard Coast Line Railroad, is shown on Figure 5. This boring refused at 8.6 feet after penetrating very stiff residual sandy silty soil.

Boring B-7 was placed in the median of Jefferson Road where it crosses over the rail lines and the U.S. 29 By-pass, as shown in Figure 6. Seven feet of fill, consisting of very firm stilty sand was found to overlie very stiff to hard silty clays which represent residual soils or possible fill. The boring was terminated at 17 feet.

Figure 7 shows the location of boring B-8 on the east side of Tallassee Road. Two feet of possible fill materials were found to overlie residual soils composed of very hard sandy silts. Refusal was encountered at 7.2 feet and the boring was offset 3 feet. Refusal was obtained at 7.5 feet in the offset boring.

The partially weathered rock mentioned in the preceding paragraphs is defined as materials exhibiting penetration resistances in excess of 50 blows per 6 inches. This material is described as a transition material between residual soil and the hard parent rock.

Refusal to our augering procedures can be the result of encountering boulders, discontinuous rock lenses or hard continuous rock. It is usually not possible to define the nature of refusal materials without utilizing diamond bit coring. At locations where several offset borings encountered similar refusal levels, hard rock is likely, although a dense boulder fill may also produce consistent refusal levels.

No groundwater was encountered at the time of boring. However, the alluvial materials near the termination of boring B-4 were moist.

EVALUATIONS

This investigation was made to determine the presence (or absence) of rock at proposed tunnel locations for the new raw water lines to be added to the City of Athens water system.

At two tunnel locations (Barber Street, represented by boring B-4 and Jefferson Street, represented by boring B-7) no rock was encountered above the tunnel invert level and therefore no problems with excavation are anticipated.

At the locations where the tunnel will pass under the Seaboard Coast Line Railroad and Tallassee Road (boring B-6 and B-8, respectively), refusal to our boring procedures was encountered at depths of 3.5 to 8.0 feet above the tunnel invert level. In addition to this, rock was noted in the south side of the railroad embankment, corresponding approximately to the south end of the tunnel where it would pass under the railroad. Difficult excavation due to rock is anticipated in these two locations. Boring B-8 was offset 3 feet and again encountered refusal at about 7.5 feet.

At the Chase Street tunnel location, refusal was encountered (in B-5) at 6 feet above the level of the tunnel invert on the west side of the street, while the boring placed on the east side (B-5A) went to below the tunnel invert level. It is believed that the shallow refusal on the west side was probably due to the presence of a boulder; hence, excavation for the tunnel should not be difficult.

The tunnel location at the U.S. 29 By-pass was investigated by three borings (B-1, B-2 and B-3). Boring B-1 on the south side of the by-pass was extended to below the tunnel invert level without encountering

rock. Borings B-2 and B-3 (in the median and on the north side of the by-pass, respectively) encountered refusal at 17 to 23 feet above the tunnel invert level. Boring B-2 was offset 4 times and boring B-3 was offset once, with refusal occurring at similar depths as the initial borings. Based on these findings, considerable difficult excavation is anticipated at this location.

* * * * * * *

We have appreciated the opportunity to work with you on this investigation and are available to answer any questions you may have regarding this report.

Very truly yours,

SOIL AND MATERIAL ENGINEERS, INC.

Blanche M. Wallace
Blanche M. Wallace
Geologist

Stanley A. Schwartz, P.E.
Chief Engineer

BMW/SAS/jcr
enclosures

APPENDIX

800023-01

A1-8

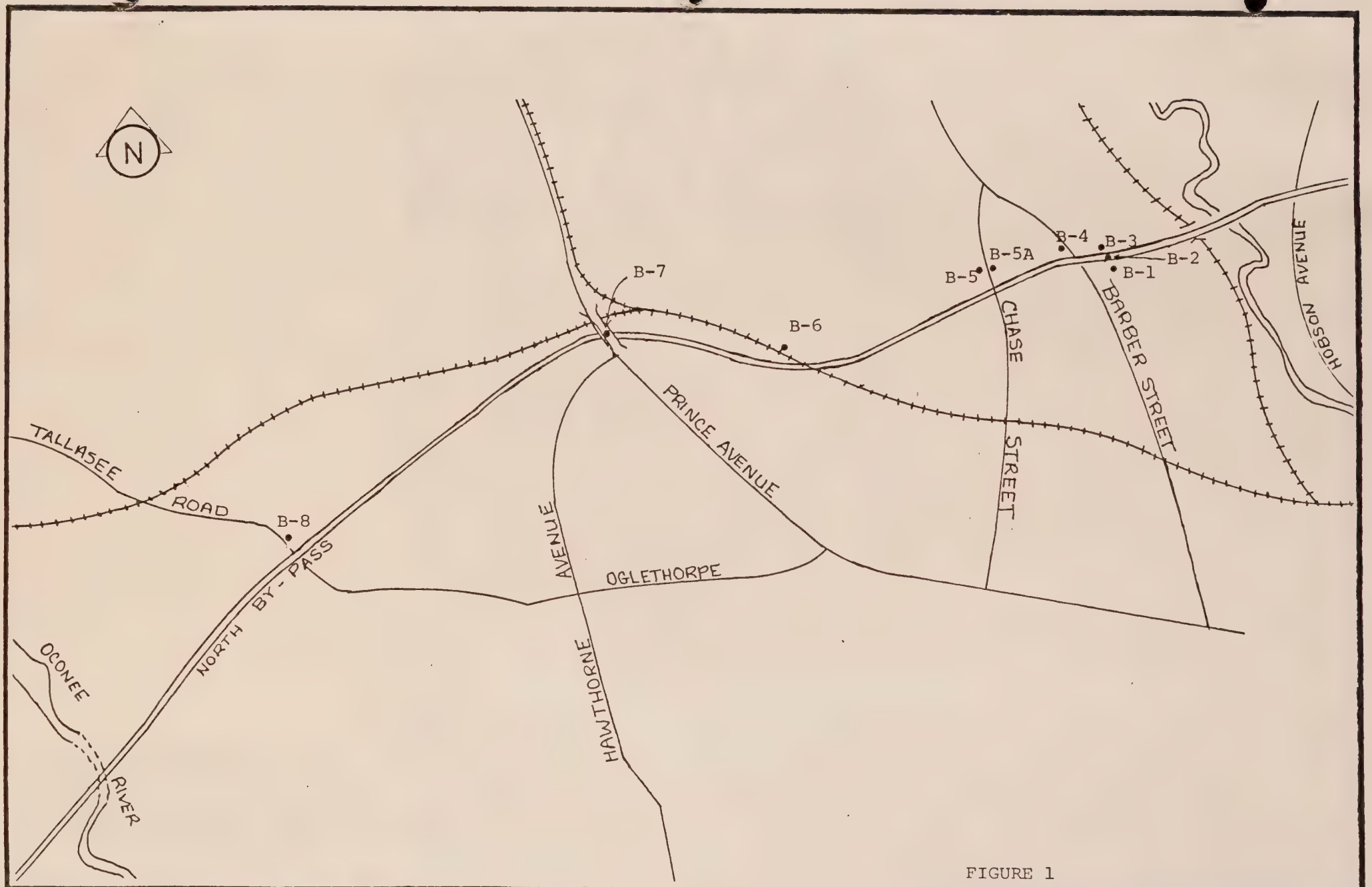


FIGURE 1

SCALE: 1" = 2000'

● : BORING LOCATION

SOIL & MATERIAL ENGINEERS INC.

Atlanta, Georgia

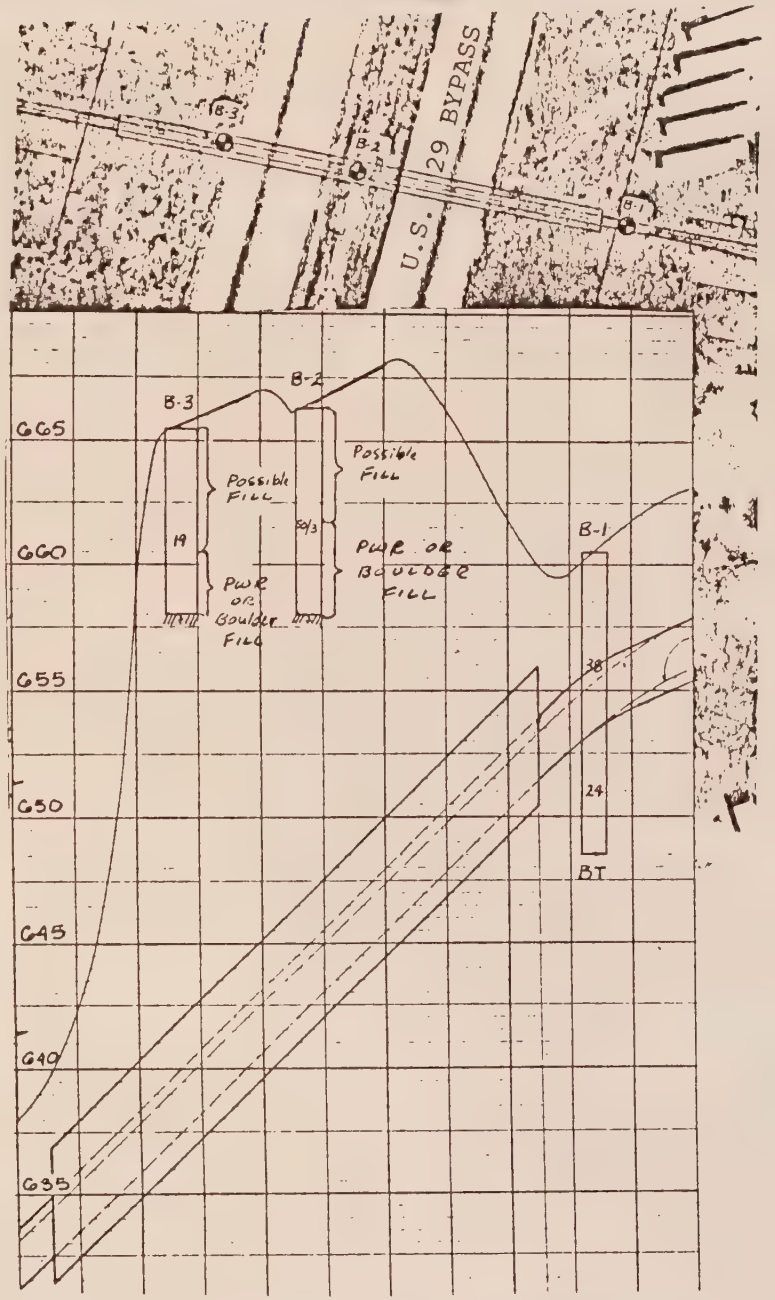
SITE & BORING LOCATION PLAN

WATER SYSTEM ADDITION
ATHENS, GEORGIA

S&ME JOB NO. AS-710

800023-01

A1-9



Subsurface conditions are very erratic within the project area. Variations, along the length of the tunnel, should be anticipated from that shown by the borings.

FIGURE 2

SCALE: 1" = 80' H
0.6"≈ 5' V
⊕ : BORING LOCATION
BT: BORING TERMINATED
⊠ : REFUSAL

PWR: PARTIALLY WEATHERED ROCK

SOIL & MATERIAL ENGINEERS INC.

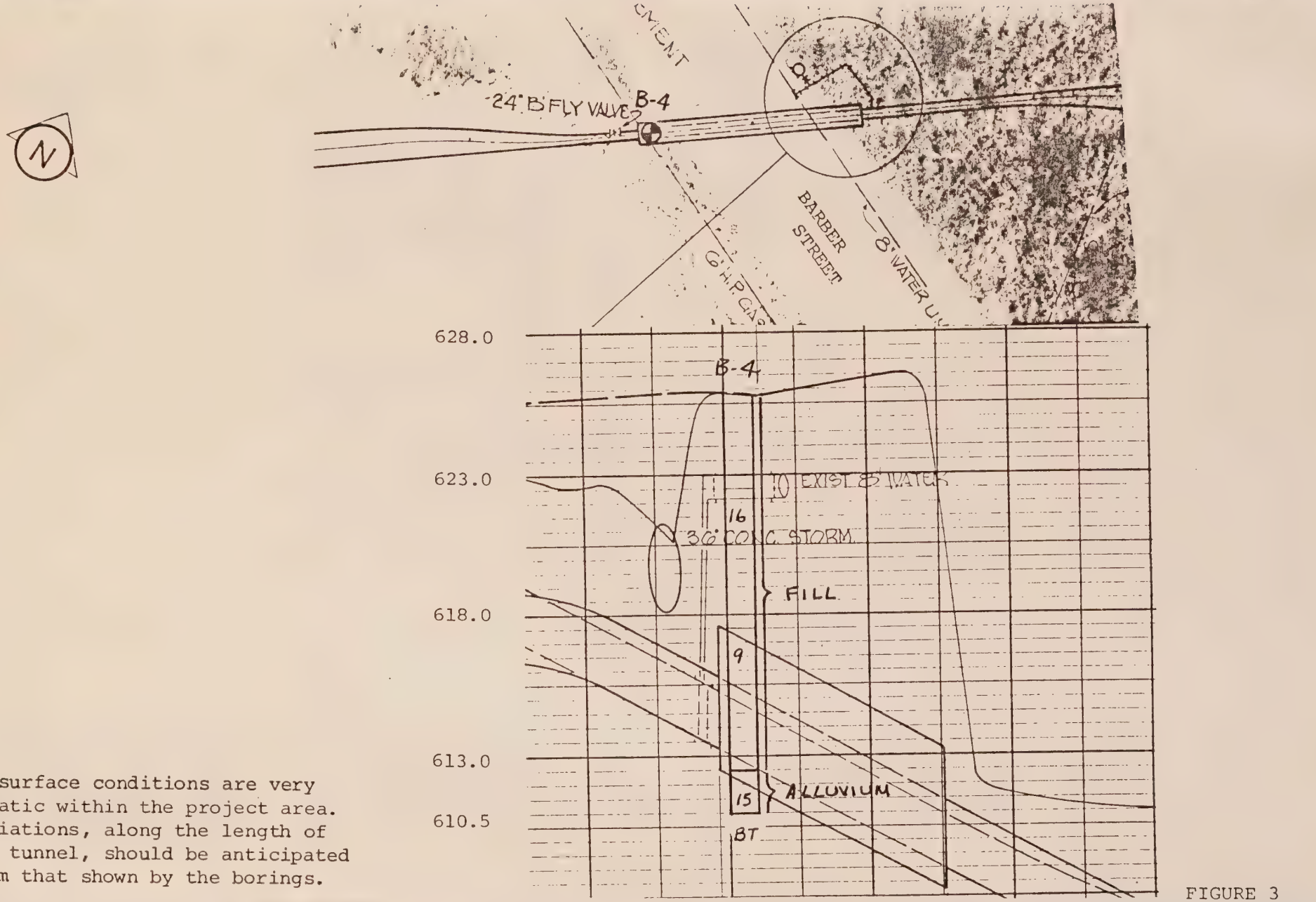
Atlanta, Georgia

PLAN, PROFILE & BORING LOCATION
WATER SYSTEM ADDITION
U.S. 29 BY-PASS
ATHENS, GEORGIA

S&ME JOB NO. AS-710

800023-01

A1-10



Subsurface conditions are very erratic within the project area. Variations, along the length of the tunnel, should be anticipated from that shown by the borings.

FIGURE 3

SCALE: 1" = 50' H
1" = 5' V
⊕ :BORING LOCATION
BT: BORING TERMINATED
16: PENETRATION RESISTANCE

SOIL & MATERIAL ENGINEERS INC.

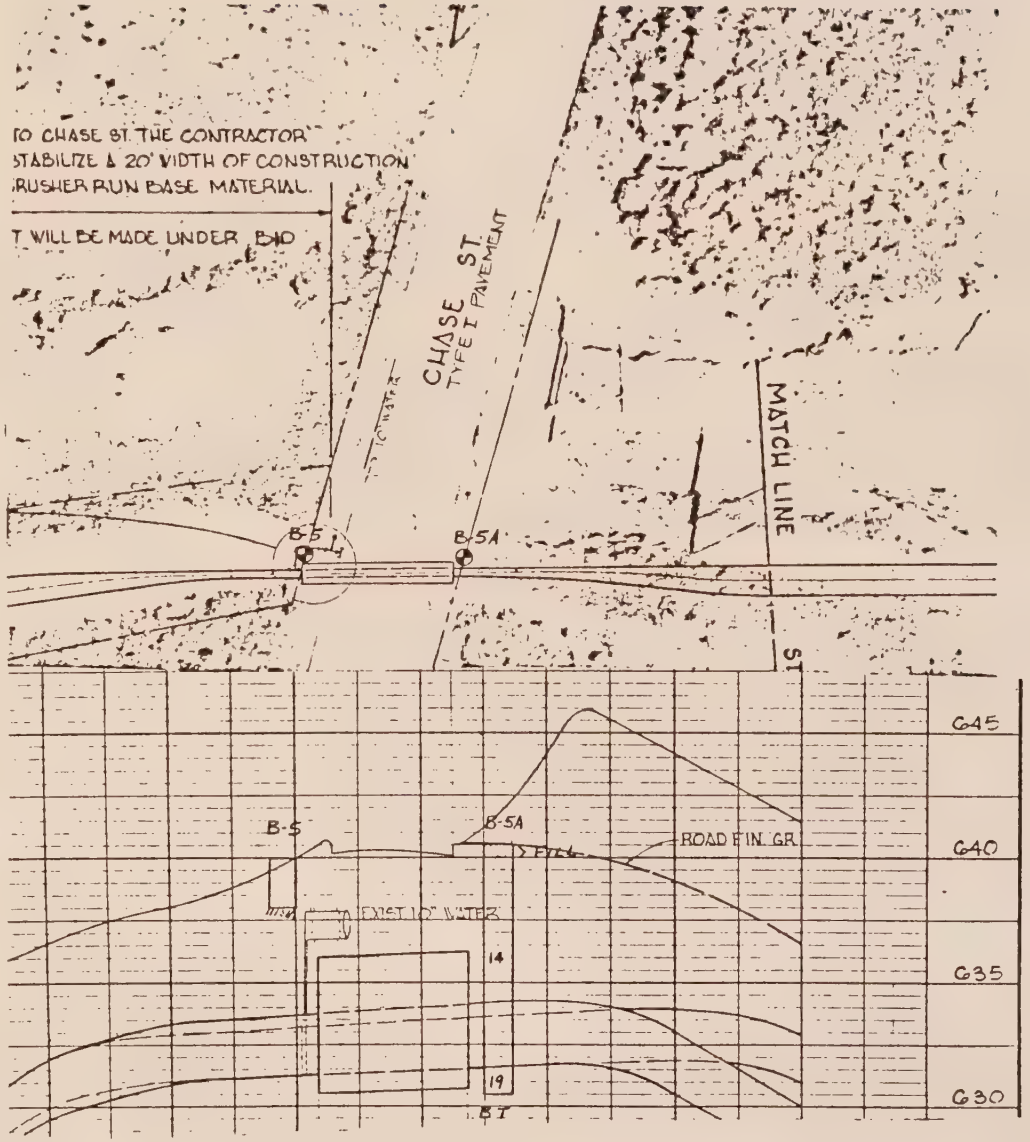
Atlanta, Georgia

PLAN, PROFILE & BORING LOCATION
WATER SYSTEM ADDITION
BARBER STREET
ATHENS, GEORGIA

S&ME JOB NO. AS-710

800023-01

A1-11



Subsurface conditions are very erratic within the project area. Variations, along the length of the tunnel, should be anticipated from that shown by the borings.

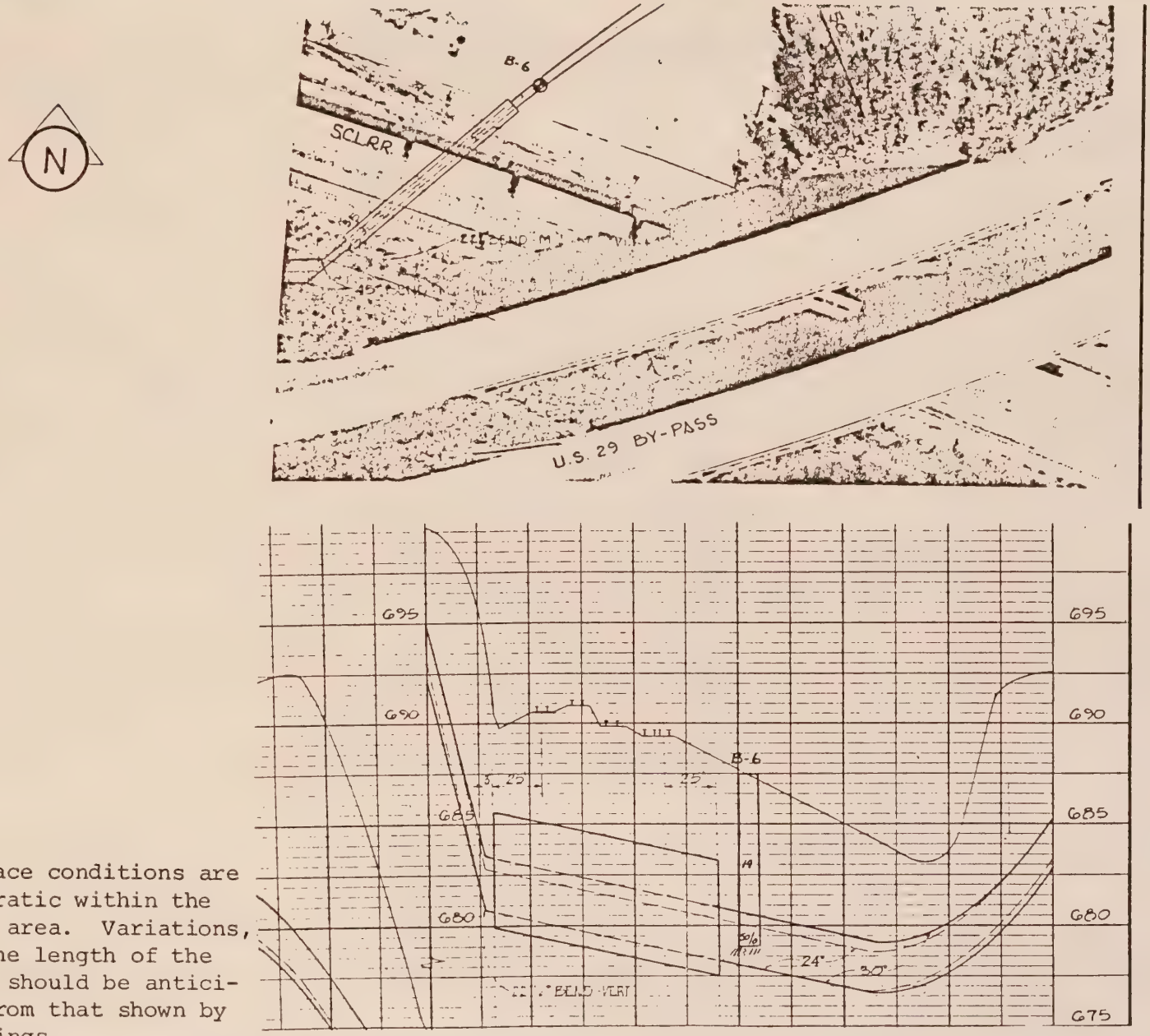
FIGURE 4

SCALE: 1" ≈ 80' H 0.6" ≈ 5' V ⊕ : BORING LOCATION BT: BORING TERMINATED REF : REFUSAL	**SOIL & MATERIAL ENGINEERS INC.** Atlanta, Georgia	PLAN, PROFILE & BORING LOCATION WATER SYSTEM ADDITION CHASE STREET & U.S. 29 BY-PASS ATHENS, GEORGIA S&ME JOB NO. AS-710

14: PENETRATION RESISTANCE

800023-01

A1-12



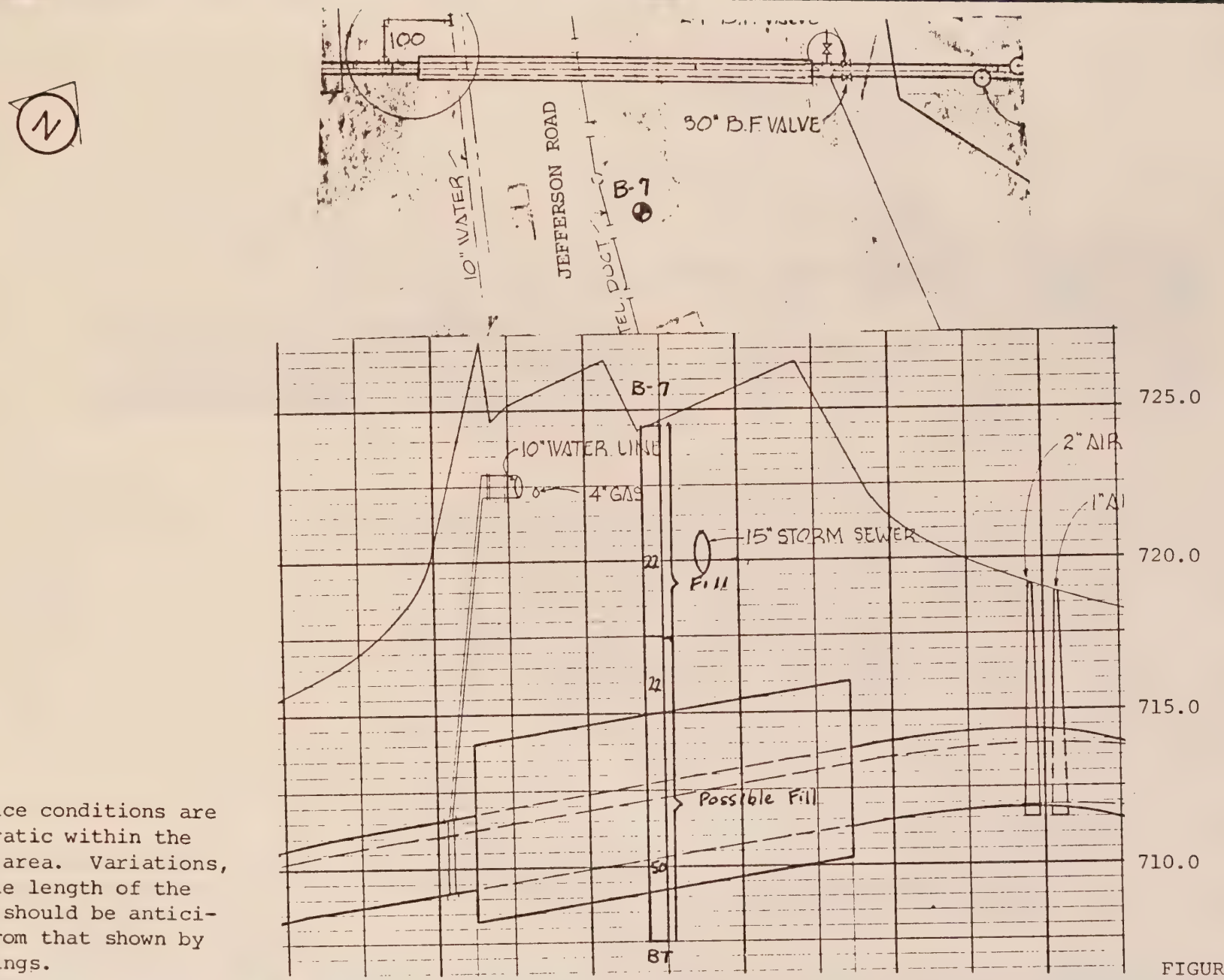
Subsurface conditions are very erratic within the project area. Variations, along the length of the tunnel, should be anticipated from that shown by the borings.

FIGURE 5

SCALE: 1" ≈ 80' H 0.6" ≈ 5' V ⊕: BORING LOCATION R: REFUSAL 19: PENETRATION RESISTANCE	**SOIL & MATERIAL ENGINEERS INC.** Atlanta, Georgia	PLAN, PROFILE & BORING LOCATION WATER SYSTEM ADDITION SEABOARD COAST LINE RAILROAD & U.S. 29 BY-PASS ATHENS, GEORGIA S&ME JOB NO. AS-710

800023-01

A1-13



Subsurface conditions are very erratic within the project area. Variations, along the length of the tunnel, should be anticipated from that shown by the borings.

FIGURE 6

SCALE: 1" = 50' H
1" = 5' V
◒ : BORING LOCATION
BT: BORING TERMINATED
22: PENETRATION RESISTANCE

SOIL & MATERIAL ENGINEERS INC.

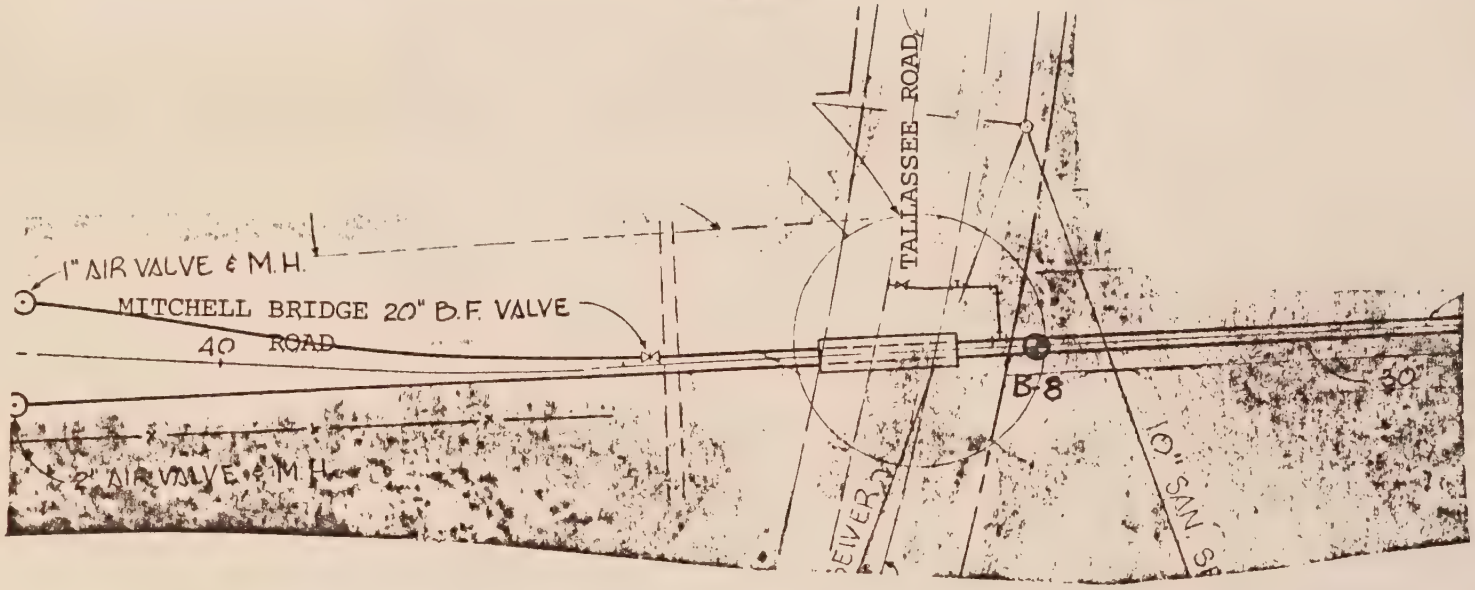
Atlanta, Georgia

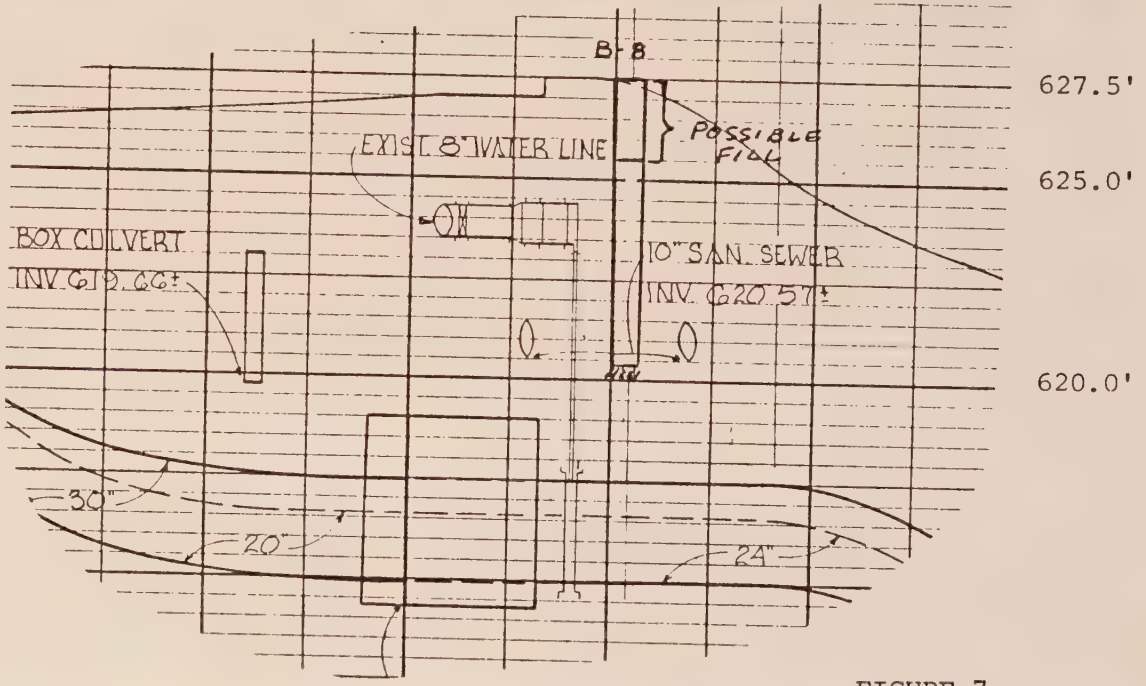
PLAN, PROFILE & BORING LOCATION
WATER SYSTEM ADDITION
JEFFERSON ROAD & U.S. 29 BY-PASS
ATHENS, GEORGIA

S&ME JOB NO. AS-710

800023-01

A1-14





Subsurface conditions are very erratic within the project area. Variations, along the length of the tunnel, should be anticipated from that shown by the borings.

FIGURE 7

SCALE: 1" = 50' H	
1" = 5' V	
⊕ : BORING LOCATION	
RST : REFUSAL	

SOIL & MATERIAL ENGINEERS INC.

Atlanta, Georgia

PLAN, PROFILE & BORING LOCATION
WATER SYSTEM ADDITION
MITCHELL BRIDGE & TALLASEE ROAD
ATHENS, GEORGIA

S&ME JOB NO. AS-710

KEY TO CLASSIFICATIONS

CORRELATION OF PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY

	NO. OF BLOWS, N	RELATIVE DENSITY
SANDS	0 - 4	VERY LOOSE
	5 - 10	LOOSE
	11 - 20	FIRM
	21 - 30	VERY FIRM
	31 - 50	DENSE
	OVER 50	VERY DENSE

	NO. OF BLOWS, N	CONSISTENCY
SILTS AND CLAYS	0 - 2	VERY SOFT
	3 - 4	SOFT
	5 - 8	FIRM
	9 - 15	STIFF
	16 - 30	VERY STIFF
	31 - 50	HARD
	OVER 50	VERY HARD

SOIL TEST BORING PROCEDURES

Borings were advanced by a rotary hollow stem auger process. At the desired depth in all borings, the hole was cleaned out and the sampling tools inserted through the auger stems. Samples of the subsurface materials were obtained at 2.5 foot intervals in the initial 10 feet, and at 5 foot intervals thereafter, using a split tube sampler. Split tube sampling operations were performed in accordance with ASTM Designation D-1586. The sampler was first seated 6 inches to penetrate any loose cutting, and then driven an additional foot with blows of a 140 pound hammer falling 30 inches. The number of hammer blows required to drive the sampler the final foot was recorded and is designated the standard penetration resistance. When properly evaluated, it may be used an an index to the soil strength, density and ability to support foundations.

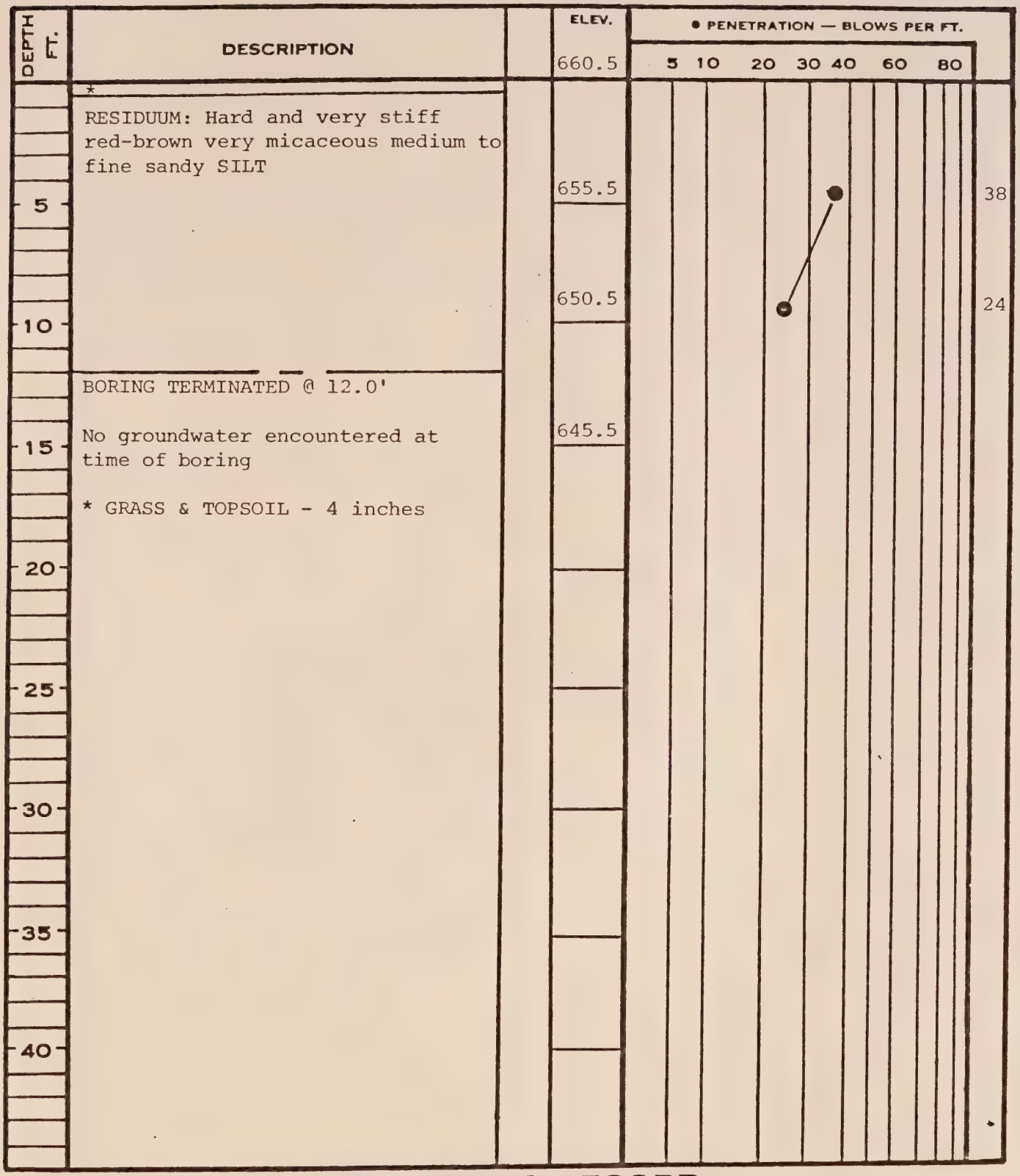
Representative portions of the split tube samples were placed in glass jars and transported to our laboratory where they were examined by the writer to verify the field classifications.

A record of the sampling operations and the descriptions of soils encountered in each boring are shown on the following Soil Boring Records.

SOIL & MATERIAL ENGINEERS, INC.

ATLANTA • ALBANY

RALEIGH • GREENSBORO • WILMINGTON • TRI-CITIES • SPARTANBURG



SOIL BORING RECORD

◀ LOSS OF DRILLING WATER

UNDISTURBED SAMPLE

WATER TABLE — 24 HR.

WATER TABLE — 1 HR.

BORING AND SAMPLING MEETS ASTM D-1586

PENETRATION IS THE NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30 IN. REQUIRED TO DRIVE 1.4 IN. I. D. SAMPLER 1 FT.

BORING NO. B-1

DATE DRILLED 10/20/80

JOB NO. AS-710

PAGE 1 OF 1

SOIL & MATERIAL ENGINEERS, INC.

ATLANTA • ALBANY

RALEIGH • GREENSBORO • WILMINGTON • TRI-CITIES • SPARTANBURG

DEPTH FT.	DESCRIPTION	ELEV.	• PENETRATION — BLOWS PER FT. 5 10 20 30 40 60 80
	POSSIBLE FILL: Stiff red-brown medium to fine sandy SILTY CLAY	666.5	
5	PARTIALLY WEATHERED ROCK OR BOULDER FILL: No sample recovered - Soft seam at 6.0' to 7.5'	661.5	50/3"
10	REFUSAL @ 8.2'	656.5	
	No groundwater encountered at time of boring		
15	NOTE: Boring offset 8 to 9 feet 4 times with refusal at 8.0', 9.0', 9.0' and 8.0'		
20			
25			
30			
35			
40			

SOIL BORING RECORD

◀ LOSS OF DRILLING WATER

WATER TABLE — 24 HR.

UNDISTURBED SAMPLE

WATER TABLE — 1 HR.

BORING AND SAMPLING MEETS ASTM D-1586

PENETRATION IS THE NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30 IN. REQUIRED TO DRIVE 1.4 IN. I. D. SAMPLER 1 FT.

BORING NO. B-2

DATE DRILLED 10/21/80

JOB NO. AS-710

PAGE 1 OF 1

SOIL & MATERIAL ENGINEERS, INC.

ATLANTA • ALBANY

RALEIGH • GREENSBORO • WILMINGTON • TRI-CITIES • SPARTANBURG

DEPTH FT.	DESCRIPTION	ELEV.	• PENETRATION — BLOWS PER FT. 5 10 20 30 40 60 80
	POSSIBLE FILL: Very stiff red-brown micaceous fine sandy CLAYEY SILT	665.5	
5	PARTIALLY WEATHERED ROCK OR BOULDER FILL: No sample recovered	660.5	• 19
	REFUSAL @ 7.5'	655.5	
10	No groundwater encountered at time of boring		
	NOTE: Boring offset 1 time with refusal @ 8.0'		
15			
20			
25			
30			
35			
40			

SOIL BORING RECORD

◀ LOSS OF DRILLING WATER — WATER TABLE — 24 HR.

UNDISTURBED SAMPLE — WATER TABLE — 1 HR.

BORING NO. B-3

DATE DRILLED 10/21/80

JOB NO. AS-710

PAGE 1 OF 1

BORING AND SAMPLING MEETS ASTM D-1586

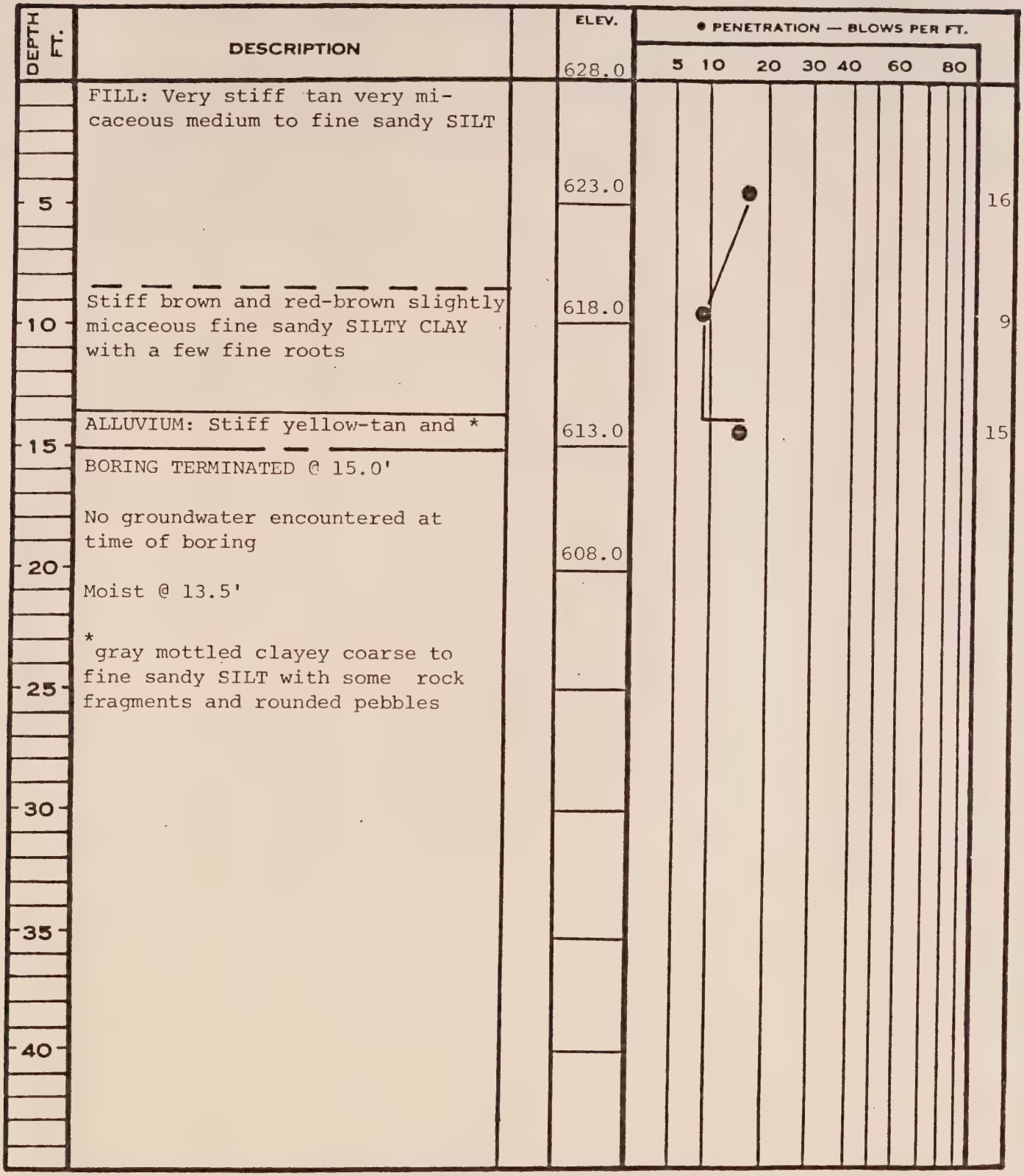
PENETRATION IS THE NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30 IN. REQUIRED TO DRIVE 1.4 IN. I. D. SAMPLER 1 FT.

800022-01

SOIL & MATERIAL ENGINEERS, INC.

ATLANTA • ALBANY

RALEIGH • GREENSBORO • WILMINGTON • TRI-CITIES • SPARTANBURG



SOIL BORING RECORD

◀ LOSS OF DRILLING WATER

▽ WATER TABLE — 24 HR.

UNDISTURBED SAMPLE

▽ WATER TABLE — 1 HR.

BORING NO. B-4

DATE DRILLED 10/20/80

JOB NO. AS-710

PAGE 1 OF 1

BORING AND SAMPLING MEETS ASTM D-1586

PENETRATION IS THE NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30 IN. REQUIRED TO DRIVE 1.4 IN. I. D. SAMPLER 1 FT.

800022-01 A1-20

SOIL & MATERIAL ENGINEERS, INC.

ATLANTA • ALBANY

RALEIGH • GREENSBORO • WILMINGTON • TRI-CITIES • SPARTANBURG

DEPTH FT.	DESCRIPTION	ELEV.	• PENETRATION — BLOWS PER FT. 5 10 20 30 40 60 80
	Believed to be fill with boulders No sample recovered - New boring *	640.0	
	REFUSAL @ 2.0'	635.0	
5	*made at B-5A location		
10			
15			
20			
25			
30			
35			
40			

SOIL BORING RECORD

◀ LOSS OF DRILLING WATER

UNDISTURBED SAMPLE

WATER TABLE — 24 HR.

WATER TABLE — 1 HR.

BORING AND SAMPLING MEETS ASTM D-1586

PENETRATION IS THE NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30 IN. REQUIRED TO DRIVE 1.4 IN. I. D. SAMPLER 1 FT.

BORING NO. B-5

DATE DRILLED 10/20/80

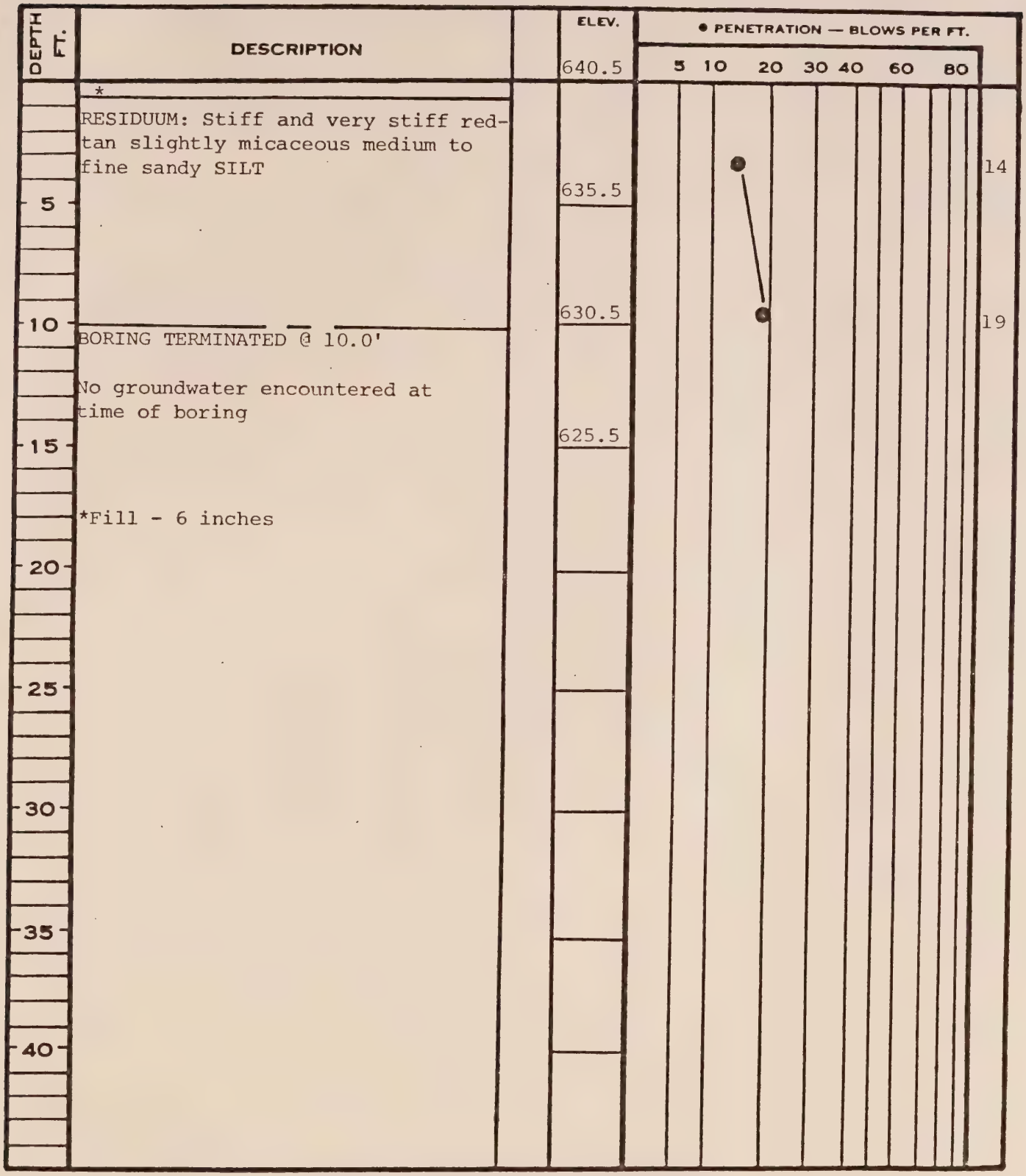
JOB NO. AS-710

PAGE 1 OF 1

SOIL & MATERIAL ENGINEERS, INC.

ATLANTA • ALBANY

RALEIGH • GREENSBORO • WILMINGTON • TRI-CITIES • SPARTANBURG



SOIL BORING RECORD

◀ LOSS OF DRILLING WATER

UNDISTURBED SAMPLE

WATER TABLE — 24 HR.

WATER TABLE — 1 HR.

BORING AND SAMPLING MEETS ASTM D-1586

PENETRATION IS THE NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30 IN. REQUIRED TO DRIVE 1.4 IN. I. D. SAMPLER 1 FT.

BORING NO. B-5A

DATE DRILLED 10/20/80

JOB NO. AS-710

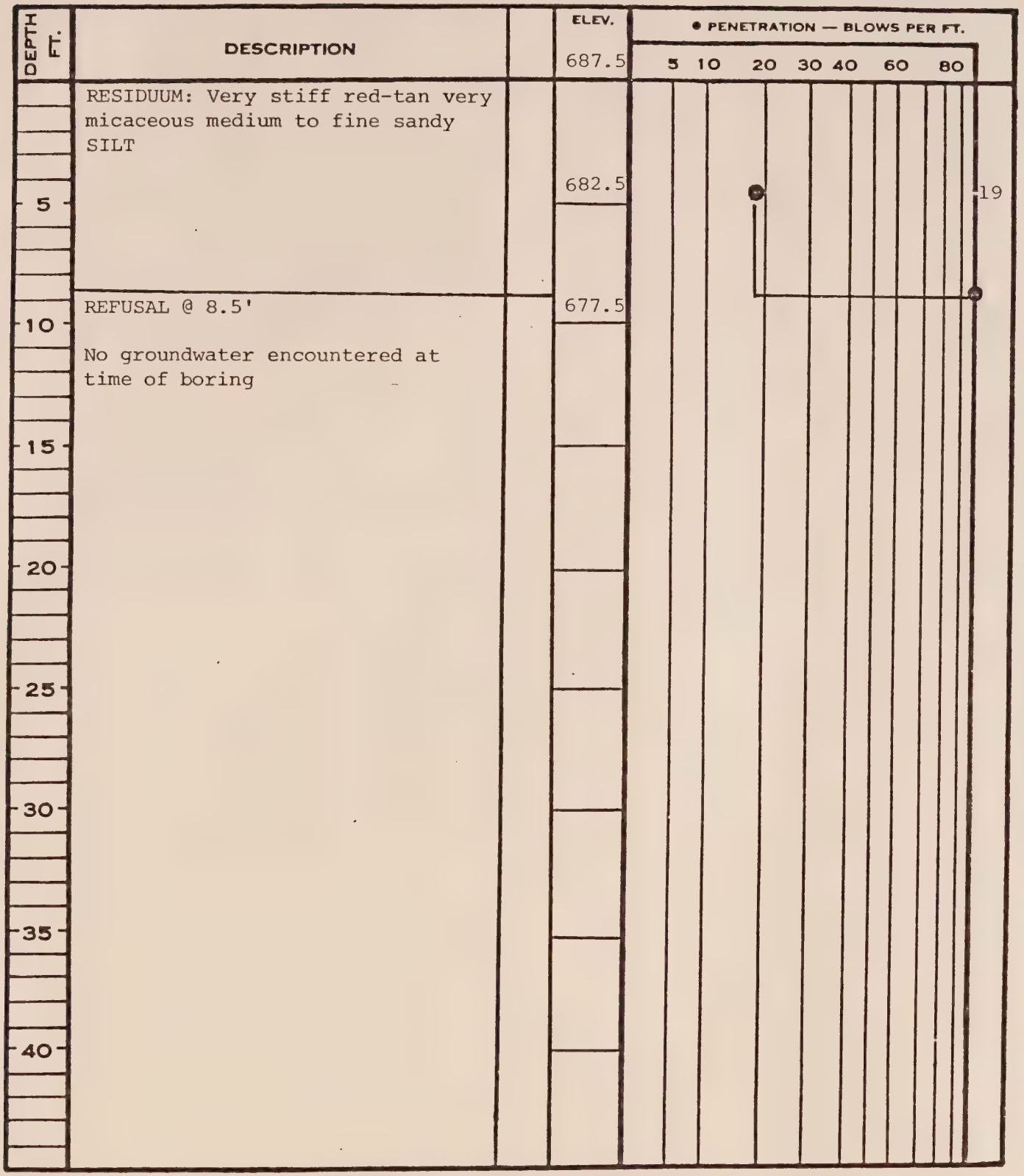
PAGE 1 OF 1

800022.01 A1-22

SOIL & MATERIAL ENGINEERS, INC.

ATLANTA • ALBANY

RALEIGH • GREENSBORO • WILMINGTON • TRI-CITIES • SPARTANBURG



SOIL BORING RECORD

◀ LOSS OF DRILLING WATER

▽ WATER TABLE — 24 HR.

UNDISTURBED SAMPLE

▽ WATER TABLE — 1 HR.

BORING AND SAMPLING MEETS ASTM D-1586

PENETRATION IS THE NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30 IN. REQUIRED TO DRIVE 1.4 IN. I. D. SAMPLER 1 FT.

BORING NO. B-6

DATE DRILLED 10/20/80

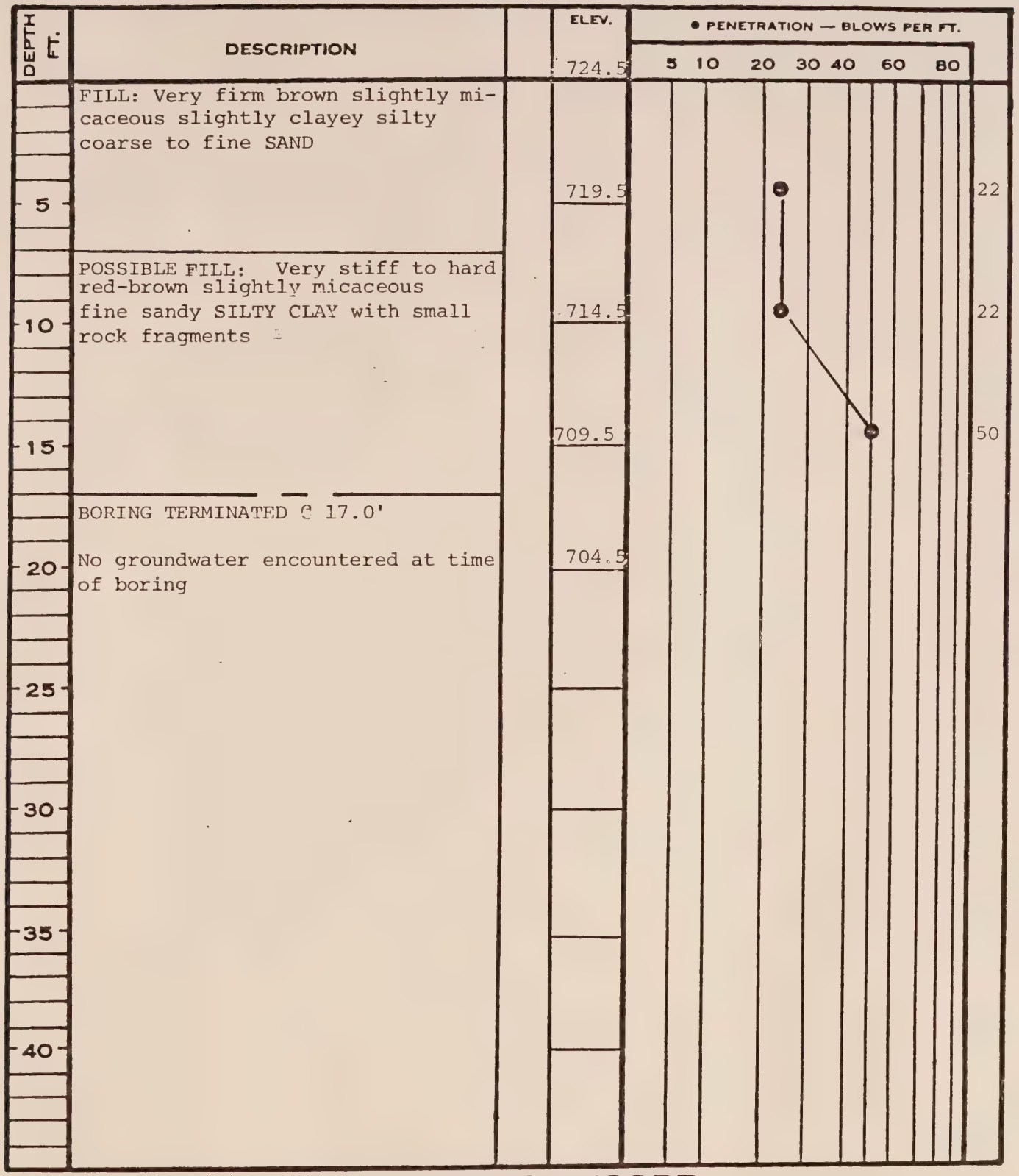
JOB NO. AS-710

PAGE 1 OF 1

SOIL & MATERIAL ENGINEERS, INC.

ATLANTA • ALBANY

RALEIGH • GREENSBORO • WILMINGTON • TRI-CITIES • SPARTANBURG



SOIL BORING RECORD

◀ LOSS OF DRILLING WATER

UNDISTURBED SAMPLE

WATER TABLE — 24 HR.

WATER TABLE — 1 HR.

BORING AND SAMPLING MEETS ASTM D-1586

PENETRATION IS THE NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30 IN. REQUIRED TO DRIVE 1.4 IN. I. D. SAMPLER 1 FT.

BORING NO. B-7

DATE DRILLED 10/21/80

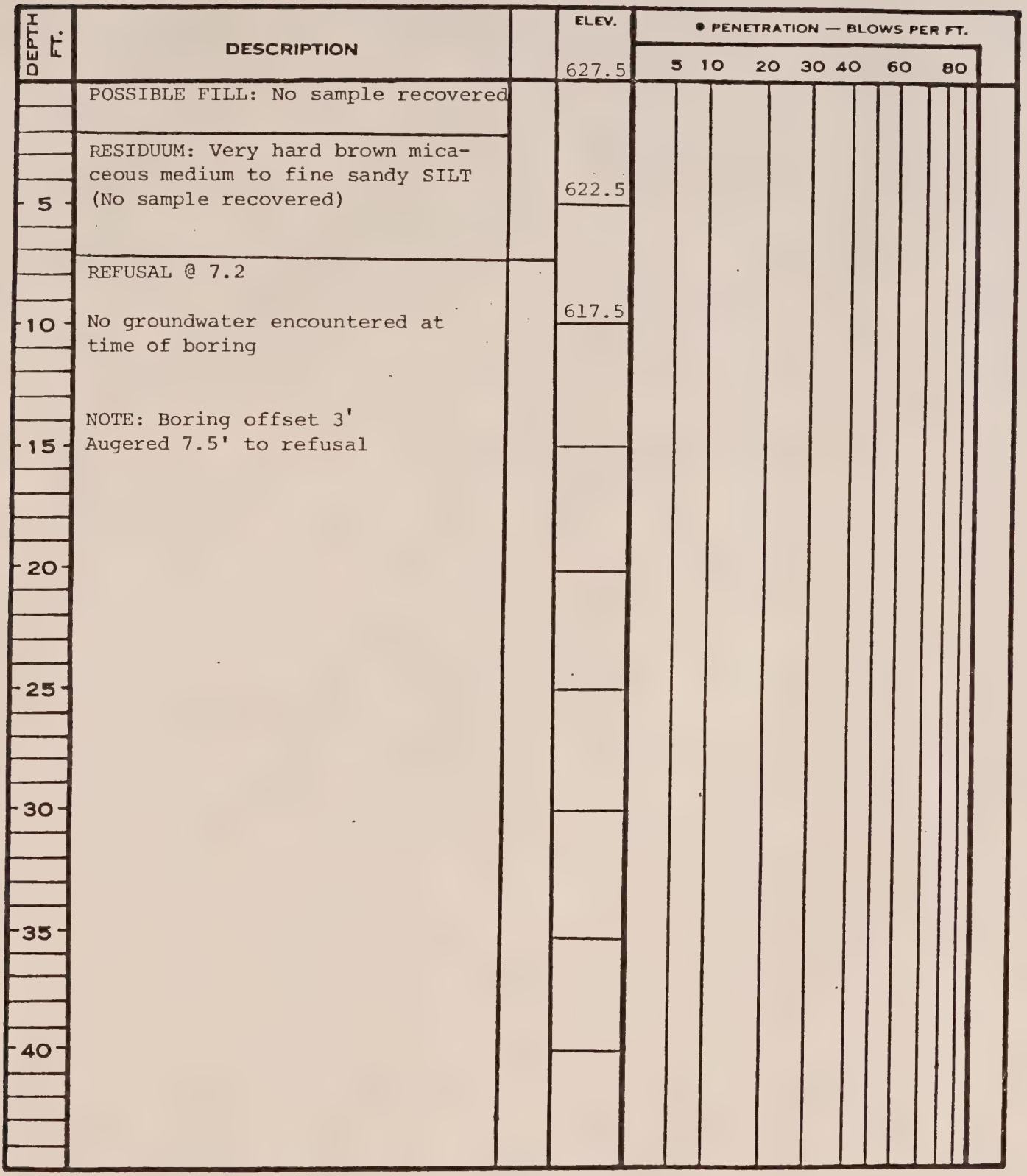
JOB NO. AS-710

PAGE 1 OF 1

SOIL & MATERIAL ENGINEERS, INC.

ATLANTA • ALBANY

RALEIGH • GREENSBORO • WILMINGTON • TRI-CITIES • SPARTANBURG



SOIL BORING RECORD

◀ LOSS OF DRILLING WATER

WATER TABLE — 24 HR.

UNDISTURBED SAMPLE

WATER TABLE — 1 HR.

BORING AND SAMPLING MEETS ASTM D-1586

PENETRATION IS THE NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30 IN. REQUIRED TO DRIVE 1.4 IN. I. D. SAMPLER 1 FT.

BORING NO. B-8

DATE DRILLED 10-20/80

JOB NO. AS-710

PAGE 1 OF 1

ADDENDUM NO. 2

TO

SPECIFICATIONS AND CONTRACT DOCUMENTS

COVERING

ADDITIONS TO THE WATER SYSTEM - CONTRACT NO. 1

FOR

THE CITY OF ATHENS, GEORGIA

JOB NO. 800023-01 JULY 21, 1980

DATE OF THIS ADDENDUM: November 13, 1980

DATE OF BID OPENINGS: November 20, 1980-2:00 P.M., Local Time.

The Drawings, Specifications, and other Contract Documents are hereby revised as follows:

1. On Page 1B-4 of the Specifications, RIGHTS RESERVED, add the following:

   "b. The Owner will reject any bid submitted with a modification of the unit price established in the Proposal Form for Rock Excavation, Item 43 of the Proposal."

ROBERT AND COMPANY ASSOCIATES
ARCHITECTS-ENGINEERS-PLANNERS
96 POPLAR ST., N.W.
ATLANTA, GEORGIA 30335

SPECIFICATIONS AND CONTRACT DOCUMENTS

FOR

ADDITIONS TO THE WATER SYSTEM

FOR

CITY OF ATHENS, GEORGIA

CONTRACT NO. 1

JOB NO. 800023-01

JULY 21, 1980

ROBERT AND COMPANY ASSOCIATES

ARCHITECTS-ENGINEERS-PLANNERS

96 POPLAR STREET, N. W.

ATLANTA, GEORGIA 30303

TABLE OF CONTENTS

TITLE	PAGES INCLUSIVE
ADVERTISEMENT FOR BIDS	AB-1 thru AB-2
INSTRUCTIONS TO BIDDERS	IB-1 thru IB-5
PROPOSAL	P-1 thru P-7
BID BOND	BB-1 thru BB-2
PARTNERSHIP CERTIFICATE	PC-1
CORPORATE CERTIFICATE	CC-1
CONTRACT	C-1 thru C-3
CONTRACT PERFORMANCE BOND	CPB-1 thru CPB-3
PAYMENT BOND	PB-1 thru PB-2
OPINION OF ATTORNEY	OA-1
INDEX TO GENERAL CONDITIONS	INDEX-1 thru INDEX-3
GENERAL CONDITIONS	GC-1 thru GC-27
SPECIAL CONDITIONS	SC-1 thru SC-6
DETAIL SPECIFICATIONS	DS-1 thru DS-21

ADVERTISEMENT FOR BIDS

ADDITIONS TO THE WATER SYSTEM

CITY OF ATHENS, GEORGIA

CONTRACT NO. 800023-01

Sealed bids will be received by the City of Athens, at the office of the City Engineer, City Hall, Athens, Georgia until 2:00 P.M., Local Time, November 20, 1980 at which time and place the bids will be publicly opened and read aloud. Proposals received after the time will not be considered.

The Contractor's bid will include the furnishing of all labor, materials, and equipment and for the construction of Additions to the Athens Water System.

The work consists of furnishing and installing approximately 20,100 L.F. of 30" raw main, 16,300 L.F. of 24" water main and 3,800 L.F. of 20" water main, including all valves, hydrants, fittings and other miscellaneous items of construction.

Plans, Specifications and Contract Documents are open to the public at the City Hall, Athens, Georgia and at the office of Robert and Company Associates, Architects-Engineers-Planners. A complete set of documents may be obtained from the office of Robert and Company Associates, Architects-Engineers-Planners, 96 Poplar Street, N.W., Atlanta, Georgia 30335. A non refundable deposit of thirty-five dollars ($35.00) is required for each set of documents.

No proposal will be considered unless accompanied by a certified check or acceptable Bid Bond in an amount not less than five percent (5%) of the bid and made payable to the City of Athens, Georgia.

All bids must be made out on the separate proposal form furnished with the contract documents in accordance with the instructions in the Instructions to Bidders. No interlineations, additions or deletions shall be made in the proposal form by the bidder.

Successful Bidder shall be required to furnish a Contract Performance Bond in the amount of 100% of the Contract price and a Payment Bond in the amount of 100% of the Contract price.

The Owner reserves the right, with or without notice or cause to accept any bid regardless of the amount thereof; to reject any bid, any number of bids or all bids; to negotiate with any

bidder for a reduction or alteration in its bid; to waive or insist upon formal requirements; to reject all bids and to call for additional bids upon the same or different invitation to bid, plans and specifications; to be the sole judge, in its discretion, of all questions as to whether or not a bid complies with the invitation to bid, the Plans or the Specifications, as to the qualifications of a bidder to perform the Contract, and as to the solvency and sufficiency of any and all Sureties on any and all bonds.

Bidders shall inform themselves concerning Georgia Laws and comply with same.

No bidder may withdraw his bid within 60 days after the actual date of the opening thereof.

The successful bidder shall commence work with adequate force and equipment on a date to be specified in a written order of the Engineers and shall complete the work within 365 consecutive calendar days from and including said date.

MAYOR AND COUNCIL OF THE
CITY OF ATHENS, GEORGIA

BY Lauren M. Coile
Mayor

SECTION IB

INSTRUCTIONS TO BIDDERS:

01. GENERAL:

a. Bidders are required to examine the Drawings, Specifications, and other Contract Documents carefully and to make such examinations of the site of the proposed work as are necessary to familiarize themselves with the nature and extent of the work to be done and with all local conditions which may affect the proposed construction. Bidders are also required to inform themselves fully in regard to construction and labor conditions under which the work will be performed. The Owner will not be responsible for Bidders' errors or misjudgment, nor for any information on local conditions or general laws and regulations.

b. Insofar as practicable, the Contractor shall so schedule his operations and employ such methods of carrying out the work that he will not cause any interruptions of, or interference with the work of any other Contractor.

02. LOCATION AND SITE:

a. The work included in this Contract is located in Athens, Georgia, in the location(s) shown on the Drawings.

The Contractor shall accept the site in its present condition and carry out all work in accordance with the requirements of the Specifications and as shown on the Drawings.

b. The present and finish grades may be shown on the Drawings, however, the Contractor shall, before submitting his bid, visit the site and acquaint himself with the actual conditions of the ground, and actual ground elevations, and the locations of any or all obstructions that may exist on the site.

03. MAKING BIDS:

a. All bids must be submitted on Proposal forms bound herein. All proposals must be signed in ink by the person, or persons authorized to sign same. Each item of the Proposal must be bid on.

04. AUTHORITY TO SIGN:

a. If a proposal is made by an individual, his name and Post Office address must be shown. If made by a firm, or partnership, the Partnership Certificate must be executed, and the

name and Post Office address of each member of the firm or partnership must be shown, and the Proposal shall be executed by the firm owner or partner. If made by a Corporation, the Corporation Certificate must be executed,and the person, or persons, signing the Proposal must show the name of the State under the laws of which the Corporation is chartered and his, or their, authority for signing same; and the names, titles and addresses of the President, Secretary, and Treasurer, and the Corporate authority for doing business in this State, and the Proposal shall be executed by the President or Vice-president.

05. SUBMITTING BIDS:

a. Each bid must be submitted in a sealed envelope, bearing on the outside the name of the Bidder, his or their adress, and date and hour of opening, and shall be marked on the outside as follows:

Proposal for Construction of the

Additions to the Water System

City of Athens, Georgia

Job No. 800023-01

06. BIDDER'S QUALIFICATIONS:

a. Proposals will be considered only from qualified, experienced, and well-equipped contractors.

b. The Onwer may require a contemplated awardee to submit a letter setting forth qualifications which entitle him to consideration as a responsible bidder and listing his experience on work of a similar character, and equipment available for this work.

07. INTERPRETATIONS:

a. Requests for interpretations of Drawings and Specifications must be made in writing to the Engineer. Such request must be received by the Engineer not later than five (5) days prior to receipt of Proposals. Any interpretations made to bidders will be issued in the form of Addenda to the Contract Documents and sent to all bidders.

08. WITHDRAWAL OF PROPOSAL:

a. No bidder may withdraw his bid for a period of sixty (60) days after the date set for the opening thereof.

09. REJECTION OF IRREGULAR PROPOSALS:

a. Proposals will be considered irregular, and may be rejected, if they show serious omissions, alteration of form, additions not called for, conditions or unauthorized alternate bids, or irregularities of any kind.

10. GUARANTEE TO ACCOMPANY PROPOSAL:

a. No Proposal will be considered unless accompanied by a certified check or acceptable Bid Bond in an amount not less than five percent (5%) of the bid and made payable to the Owner.

11. RETURN OF PROPOSAL GUARANTEES

a. All proposal guarantees made in the form of certified checks or cash, will be returned within ten (10) days following the opening of proposals, if requested, except those of the three lowest bidders, which will not be returned until after a satisfactory bond has been furnished and the Contract has been executed.

12. CONTRACT PERFORMANCE BOND AND PAYMENT BOND:

a. The Contractor will be required to furnish a Contract Performance Bond and a Payment Bond , each in an amount equal to 100 percent of the Contract price, as security for the payment on all persons performing labor and furnishing materials in connection with the Contract, and in accordance with the provisions of the General Conditions and Special Conditions. The form of the bonds shall be as attached to these Specifications and the Surety shall be acceptable to the Owner. In case of default on the part of the Contractor, all expenses incidental to ascertaining and collecting losses under the bonds, including both engineering and legal services, shall lie against the bonds.

b. The Contractor will be required to give a one-year guarantee covering workmanship and materials. The Contract Bonds shall remain in force for one year from date of final acceptance of the equipment, materials, and construction.

c. The Surety Bonds shall be countersigned by a local agent.

13. FAILURE TO EXECUTE CONTRACT:

a. Failure to execute contract, file acceptance bonds and furnish Certificates of Insurance, as provided herein, within

ten (10) days from the date of award, shall be just cause for the annulment of the award and for the forfeiture of the Proposal Guaranty to the Owner, not as a penalty, but in liquidation of damages sustained. At the discretion of the Owner, the award may then be made to the next lowest responsible bidder, or the work may be readvertised or constructed by day labor. The Contract and Contract Bonds shall be executed in quadruplicate.

14. INSURANCE, PROOF OF CARRIAGE:

a. The Contractor will be required to furnish the Owner and Engineer with satisfactory proof of carriage of the insurance required. Such proof shall be furnished to the Owner within ten (10) days of the date of the Notice of Award, and shall be in accordance with the General Conditions and Special Conditions.

15. RIGHTS RESERVED:

a. The Owner reserves the right, with or without notice or cause to accept any bid regardless of the amount thereof; to reject any bid, any number of bids or all bids; to negotiate with any bidder for a reduction or alteration in its bid; to waive or insist upon formal requirements; to reject all bids and to call for additional bids upon the same or different invitation to bid, plans and specifications; to be the sole judge, in its discretion, of all questions as to whether or not a bid complies with the invitation to bid, the Drawings or the Specifications,as to the qualifications of a bidder to perform the Contract, and as to the solvency and sufficiency of any and all Sureties on any and all bonds.

16. BIDDER'S NOTICE:

a. Bidders are hereby notified and agree by submission of their proposal that should, after award of the Contract, additional items not listed in the proposal become necessary and require unit prices not established by the Proposal, that the unit prices of such items shall be negotiated and shall be directly proportional to the established unit prices of similar items in the Proposal.

17. TIME:

a. Time is of utmost importance in the construction of this Contract. The successful bidder will be required to commence the Work with adequate force and equipment within ten (10) days of the date of the Notice to Proceed, and complete the Work within the time specified in the Proposal, from and including said date.

b. If said work is not complete within the time specified, the Contractor shall be liable to the Owner for liquidated damages and not as a penalty, in the amount stipulated in the Contract per calendar day for each and every day or part of a day thereafter that said work remains substantially incomplete.

18. AWARD:

a. The award will be made, as soon as practical, to that bidder who in the judgment of the Owner will best serve the interests of the Owner. This decision will be based upon the amount bid; the experience and qualifications of the bidder; the equipment to be supplied; and all other conditions set forth in these Contract Documents.

19. INFORMATION TO BE FURNISHED WITH PROPOSAL:

a. Each Bidder shall submit with his Proposal the names of manufacturers and representatives or vendors the bidder proposes to use, and on which his bid is based, for each item of equipment listed on the Proposal.

20. LOCAL AND STATE LAWS AND ORDINANCES:

a. The Contractor shall abide by all local and State laws or ordinances.

PROPOSAL

TO: THE CITY OF ATHENS
ATHENS, GEORGIA
ADDITIONS TO THE WATER SYSTEM
CONTRACT NO. 800023-01

GENTLEMEN:

The undersigned, as Bidder, hereby declares that the only person, company, or parties interested in this Proposal or the Contract to be entered into, as Principals, are named herein; and that this Proposal is made without connection with any other person, company, or parties making a bid or proposal; and that it is in all respects fair and in good faith without collusion or fraud.

That the Bidder has carefully examined and fully understands the Contract, Plans and Specifications, and other Documents hereto attached, and has made a personal examination of the site of the proposed work, and has satisfied himself as to the actual conditions and requirements of the work, and that he hereby proposes and agrees that if his Proposal is accepted, he will enter into Contract with the City of Athens, Georgia, in the form of Contract hereto attached, to furnish all necessary machinery, tools, apparatus, and other means of construction, and all materials, equipment, and labor necessary to construct and complete the work specified under the following items, and in the Contract, and called for by the Plans, in the manner specified and in the time mentioned, according to the requirements as hereinafter set forth, for the following prices, each price to include all cost incidental to the work to which it applies, to-wit:

BID SCHEDULE

Item No.	Description	Quantity	Unit	Unit Price	Amount
1.	Furnish & Install 30" D.I. Water Main	19,620	L.F.	$47.30	$928,026
2.	Furnish & Install 30" D.I. Restrained Joint Water Main	608	L.F.	$71.00	$43168
3.	Furnish & Install 30" D.I. Ball Joint Water Main	205	L.F.	$522.00	$107010

Item No.	Description	Quantity	Unit	Unit Price	Amount
4.	Furnish & Install 24" D.I. Water Main	16,430	L.F.	$ 34.50	$ 566835⁻
5.	Furnish & Install 24" D.I. Restrained Joint Water Main	366	L.F.	$ 52.00	$ 19032⁻
6.	Furnish & Install 20" D.I. Water Main	4,080	L.F.	$ 28.50	$ 116280⁻
7.	Furnish & Install 20" D.I. Ball Joint Water Main	205	L.F.	$ 382.00	$ 78310⁻
8.	Furnish & Install 16" D.I. Water Main	35	L.F.	$ 25.00	$ 875⁻
9.	Furnish & Install 12" D.I. Water Main	40	L.F.	$ 21.00	$ 840⁻
10.	Furnish & Install 10" D.I. Water Main	180	L.F.	$ 19.00	$ 3420⁻
11.	Furnish & Install 8" D.I. Water Main	120	L.F.	$ 17.00	$ 2040⁻
12.	Furnish & Install 6" D.I. Water Main	240	L.F.	$ 16.00	$ 3840⁻
13.	Furnish & Install D.I. Fittings	45.0	Tons	$ 3300.00	$ 148500⁻
14.	Furnish & Install 36" Butterfly Valve & Box	2	Ea.	$ 8950.00	$ 17,900⁻
15.	Furnish & Install 30" Butterfly Valve & Box	2	Ea.	$ 7030.00	$ 14060⁻
16.	Furnish & Install 24" Butterfly Valve & Box	5	Ea.	$ 3900.00	$ 19500⁻
17.	Furnish & Install 20" Butterfly Valve & Box	2	Ea.	$ 2900.00	$ 5800⁻

Item No.	Description	Quantity	Unit	Unit Price	Amount
18.	Furnish & Install 16" Butterfly Valve & Box	2	EA.	$ 3440.00	$ 6880⁻
19.	Furnish & Install 12" Butterfly Valve & Box	2	Ea.	$1920.00	$ 3840⁻
20.	Furnish & Install 10" Butterfly Valve & Box	7	Ea.	$ 1700.00	$ 11900⁻
21.	Furnish & Install 8" Gate Valve & Box	4	Ea.	$ 520.00	$ 2080⁻
22.	Furnish & Install 6" Gate Valve & Box	9	Ea.	$ 400.00	$ 3600⁻
23.	Furnish & Install 16" x 16" Tapping Sleeve, Valve & Box	1	Ea.	$ 11840.00	$ 11840.⁻
24.	Furnish & Install 10"x10" Tapping Sleeve, Valve & Box	2	Ea.	$1570.00	$ 3140⁻
25.	Furnish & Install 8"x8" Tapping Sleeve, Valve & Box	2	Ea.	$ 980.00	$ 1960⁻
26.	Furnish & Install Fire Hydrant	8	Ea.	$ 600.00	$ 4800⁻
27.	Furnish & Install 40 L.F. Casing Under Tallassee Rd.		L.S.		$ 22400.00
28.	Furnish & Install 124 L.F. Casing Under Jefferson Rd.		L.S.		$ 68 400.00
29.	Furnish & Install 104 L.F. Casing Under Seaboard Coast Line Railroad		L.S.		$ 57 400.00

Item No.	Description	Quantity	Unit	Unit Price	Amount
30.	Furnish & Install 60 L.F. Casing Under Chase St.			L.S.	$ 33300.00
31.	Furnish & Install 80 L.F. Casing Under Barber St.			L.S.	$ 44300.00
32.	Furnish & Install 200 L.F. Casing Under U.S. 29 By-Pass			L.S.	$ 109500.00
33.	Furnish & Install 40 L.F. Casing Under Southern Railroad			L.S.	$ 20000.00
34.	Furnish & Install 2" Air Release Valve & Manhole	13	Ea.	$ 1400.00	$ 18200⁻
35.	Furnish & Install 1" Air Release Valve & Manhole	13	Ea.	$ 1175.00	$ 15275⁻
36.	Construct road from Chase St. to Barber St. including all Cross Drains		L.S.		$ 13000.00
37.	Furnish & Place Crusher Run Base Material	1,000	Tons	$ 7.50	$ 7500.⁻
38.	Pavement Replacement Type I	320	L.F.	$ 12.00	$ 3840⁻
39.	Pavement Replacement Type II	1,650	L.F.	$ 10.00	$ 16500⁻
40.	Pavement Replacement Concrete	90	L.F.	$ 11.00	$ 990⁻
41.	Concrete Blocking & Miscellaneous Concrete	90	C.Y.	$ 150.00	$ 13500⁻

Item No.	Description	Quantity	Unit	Unit Price	Amount
42.	Trench Stabilization	2,000	C.Y.	$ 15.25	$ 30500
43.	Rock Excavation	15,500	C.Y.	$25.00	$ 387,500.00

TOTAL AMOUNT BID $ 2,987,581.00

ALTERNATE PROPOSAL
PRESTRESSED CONCRETE CYLINDER PIPE & FITTINGS

The Bidder has submitted a bid based on using Ductile Iron Pipe. If the Owner elects to use Prestressed Concrete Cylinder Pipe and Fitting in lieu of Ductile Iron Pipe and Fittings on any one size or on all sizes, the following amounts will be added to or deducted from the prices stated in the base bid. The Owner shall have the option of using either Prestressed Concrete Cylinder Pipe and Fittings or Ductile Iron Pipe and Fittings or a combination thereof.

NOTE: BIDDER SHALL INDICATE ADDITION OR DEDUCTION BY CROSSING OUT THE UNDERLINED WORDS NOT APPLICABLE.

44. (a) Furnish & Install 30" Prestressed Concrete Pipe
~~Add To~~ or Deduct From Base Bid Item No. 1 $ 0.27 per foot

(b) Furnish & Install 30" Prestressed Concrete Fittings
~~Add To~~ or Deduct From Base Bid Item No. 13 $ 25487.28 L.S.

45. (a) Furnish & Install 30" Prestressed Concrete Bell Bolt Joint Pipe
~~Add To~~ or Deduct From Base Bid Item No. 2 $ 14.74 per foot

(b) Furnish & Install 30" Prestressed Concrete Bell Bolt Joint Fittings
~~Add To~~ or Deduct From Base Bid Item No. 13 $ 9231.01 L.S.

46. Furnish & Install 30" Subaqueous Prestressed Concrete Pipe
~~Add To~~ or Deduct From Base Bid Item No. 3 $ 223.18 per foot

47. (a) Furnish & Install 24" Prestressed Concrete Pipe
Add To or ~~Deduct From~~ Base Bid Item No. 4 $ 4.45 per foot

(b) Furnish & Install 24" Prestressed Concrete Fittings
~~Add To~~ or Deduct From Base Bid Item No. 13 $ 2,673.84 L.S.

48. (a) Furnish & Install 24" Prestressed Concrete Bell Bolt Joint Pipe
~~Add To~~ or Deduct From Base Bid Item No. 5 $ 4.99 per foot

(b) Furnish & Install 24" Prestressed Concrete Bell Bolt Joint Fittings
~~Add to~~ or Deduct From Base Bid Item No. 13 $ 2141.84 L.S.

49. (a) Furnish & Install 20" Prestressed Concrete Pipe
Add To or ~~Deduct From~~ Base Bid Item No. 6 $ + 5.40 per foot

(b) Furnish & Install Prestressed Concrete Fittings
~~Add To~~ or Deduct From Base Bid Item No. 13 $ 2100.80 L.S.

50. Furnish & Install 20" subaqueous Prestressed Concrete Pipe
~~Add To~~ or Deduct From Base Bid Item No. 7 $ 98.68 per foot

NOTE: In case of discrepancies between the figures shown in the unit prices and total amounts, the unit prices shall apply and the amounts shall be corrected to agree with the unit prices.

All Bidders must bid on every item as listed in the Proposal.

Proposals for construction of the Middle Oconee Raw Water Station, Job No. 800024, will also be received at the same time and place. Bidders may bid on either one or both contracts. Bidder submitting bids on both contracts will be afforded the opportunity of offering a lump sum deduct if awarded both contracts. This deductible lump sum amount, if offered, shall be deducted from the lump sum amount bid for the construction of the Middle Oconee Raw Water Station, Job No. 800024. The Owner reserves the right to award each contract to separate bidders or both contracts to one bidder.

It is understood and agreed that the quantities listed in this Proposal are approximate only and are intended principally to serve as a guide in comparing bids, and may be increased or decreased without invalidating the unit prices bid.

The Bidder agrees hereby to commence work under this Contract on or before a date to be specified in written "Notice to Proceed" of the Owner and to fully complete the project within 365 consecutive calendar days thereafter as stipulated in the Specifications. The Bidder further agrees to pay as liquidated damages, the sum of two hundred and fifty ($250.00) dollars for each consecutive calendar day thereafter as hereinafter provided.

The undersigned furthermore agrees that, in case of failure on his part to execute said Contract and Bond within ten (10) days after being awarded the Contract, the check or bond accompanying

his bid and the money payable thereon shall become the property of the City; otherwise, the check or bond accompanying this proposal shall be returned to the undersigned.

Bidder acknowledges receipt of the following addendum:

No 1 & No 2

Attached hereto is a certified check or Bid Bond on the

FIVE PERCENT of TOTAL AMOUNT BID

in the amount of

Dollars ($).

according to conditions under INSTRUCTION TO BIDDERS.

The full name and residences of persons or parties interested in the foregoing bid, as Principals, are as follows:

W L CAREY
P O Box 441
ROYSTON, GA

Dated at ~~ROYST~~ ATHENS, GA the 20TH day of

NOVEMBER, 1980.

W.L. CAREY, GENERAL CONTRACTOR, INC.

By PRESIDENT

The Bidder has based his bid upon and proposes to furnish equipment produced by the following:

Item No.	Equipment	Manufacturer	Representative or Vendor
1.	Gate Valves	MUELLER	CONSOLIDATED PIPE & SUPPLY
2.	Fire Hydrants	MUELLER	CONSOLIDATED PIPE & SUPPLY

SECTION BB

BID BOND:

KNOW ALL MEN BY THESE PRESENTS, that we _____

_____

(hereinafter called the Principal) and _____

_____

(hereinafter called the Surety) a Corporation chartered and existing under the laws of the State of _____ with its principal offices in the City of _____ and authorized to do business in the State of Georgia is held and firmly bound unto the Mayor and Council of the City of Athens, a municipal Corporation of Clarke County, Georgia, in the full and just sum of

_____ Dollars ($_____)

good and lawful money of the United States of America, to be paid upon demand of the City of Athens, Georgia, to which payment well and truly be made, we bind ourselves, our heirs, executors, administrators, and assigns, jointly and severally and firmly by these presents.

WHEREAS, the Principal is about to submit, or has submitted, to the City of Athens, Georgia, a proposal for furnishing materials, labor and equipment to construct Additions to the Water System for the said City of Athens, Georgia, Job No. 800023-01 more particularly mentioned, and

WHEREAS, the Principal desires to file this bond in accordance with law, in lieu of a certified bidder's check otherwise required to accompany this Proposal.

NOW THEREFORE, the conditions of this obligation are such that if the proposal be accepted, the Principal shall within ten (10) days after receipt of notification of the acceptance thereof, execute a contract in accordance with the Proposal and upon the terms, conditions and prices set forth therein, in the form and manner required by the City of Athens, Georgia; and execute a sufficient and satisfactory Contract Performance Bond and Payment Bond payable to the City of Athens, Georgia, each in an amount of one hundred percent (100%) of the total contract price, in form and with security satisfactory to said City of Athens, Georgia, then this obligation to be void; otherwise to be and remain in full force and virtue in law; and the Surety

shall, upon failure of the Principal to comply with any or all of the foregoing requirements within the time specified above, immediately pay to the aforesaid City of Athens, Georgia upon demand, the amount hereof in good and lawful money of the United States of America, not as a penalty, but as liquidated damages.

IN TESTIMONY THEREOF, the Principal and Surety have caused these presents to be duly signed and sealed this _____

day of_____, 19____.

_____
Principal

By_____

_____
Surety

By_____

SECTION PC

PARTNERSHIP CERTIFICATE:

STATE OF_____

_____COUNTY

On this_____day of_____, 19_____, before me

personally appeared_____

known to me to be the person who executed the above instrument, who, being by me first duly sworn, did expose and say that he is a general partner in the firm of_____

_____

and that said firm consists of himself and

_____

_____

and that he executed the foregoing instrument, on behalf of said firm for the uses and purposes stated therein, and that no one except the above named members of the firm have any financial interest whatsoever in said proposed contract.

_____

Subscribed and sworn to before me, this_____day of

_____, 19____.

_____

Notary Public

My Commission Expires:

_____

SECTION CC

CORPORATE CERTIFICATE:

I, RUBY S CAREY, certify that I am the Secretary of the corporation named as Contractor in the foregoing proposal; that W L CAREY, who signed said proposal in behalf of the Contractor was then PRESIDENT of said corporation, that said proposal was duly signed for and in behalf of said corporation by authority of its Board of Directors, and is within the scope of its corporate powers; that said corporation is organized under the laws of the State of GEORGIA.

This 20TH day of NOVEMBER, 1980.

Ruby S. Carey

L.S.

(SEAL)

PROPOSAL

TO: THE CITY OF ATHENS
ATHENS, GEORGIA
ADDITIONS TO THE WATER SYSTEM
CONTRACT NO. 800023-01

GENTLEMEN:

The undersigned, as Bidder, hereby declares that the only person, company, or parties interested in this Proposal or the Contract to be entered into, as Principals, are named herein; and that this Proposal is made without connection with any other person, company, or parties making a bid or proposal; and that it is in all respects fair and in good faith without collusion or fraud.

That the Bidder has carefully examined and fully understands the Contract, Plans and Specifications, and other Documents hereto attached, and has made a personal examination of the site of the proposed work, and has satisfied himself as to the actual conditions and requirements of the work, and that he hereby proposes and agrees that if his Proposal is accepted, he will enter into Contract with the City of Athens, Georgia, in the form of Contract hereto attached, to furnish all necessary machinery, tools, apparatus, and other means of construction, and all materials, equipment, and labor necessary to construct and complete the work specified under the following items, and in the Contract, and called for by the Plans, in the manner specified and in the time mentioned, according to the requirements as hereinafter set forth, for the following prices, each price to include all cost incidental to the work to which it applies, to-wit:

BID SCHEDULE

Item No.	Description	Quantity	Unit	Unit Price	Amount
1.	Furnish & Install 30" D.I. Water Main	19,620	L.F.	$42.56	$835,027.20
2.	Furnish & Install 30" D.I. Restrained Joint Water Main	608	L.F.	$64.56	$39,252.48
3.	Furnish & Install 30" D.I. Ball Joint Water Main	205	L.F.	$500.00	$102,500.00

Item No.	Description	Quantity	Unit	Unit Price	Amount
4.	Furnish & Install 24" D.I. Water Main	16,430	L.F.	$30.00	$492,900.00
5.	Furnish & Install 24" D.I. Restrained Joint Water Main	366	L.F.	$46.00	$16,836.00
6.	Furnish & Install 20" D.I. Water Main	4,080	L.F.	$25.00	$102,000.00
7.	Furnish & Install 20" D.I. Ball Joint Water Main	205	L.F.	$260.00	$53,300.00
8.	Furnish & Install 16" D.I. Water Main	35	L.F.	$28.00	$980.00
9.	Furnish & Install 12" D.I. Water Main	40	L.F.	$24.48	$979.20
10.	Furnish & Install 10" D.I. Water Main	180	L.F.	$20.00	$3,600.00
11.	Furnish & Install 8" D.I. Water Main	120	L.F.	$20.00	$2,400.00
12.	Furnish & Install 6" D.I. Water Main	240	L.F.	$15.00	$3,600.00
13.	Furnish & Install D.I. Fittings	45.0	Tons	$3,537.60	$159,192.00
14.	Furnish & Install 36" Butterfly Valve & Box	2	Ea.	$9,159.34	$18,319.68
15.	Furnish & Install 30" Butterfly Valve & Box	2	Ea.	$6,851.04	$13,702.08
16.	Furnish & Install 24" Butterfly Valve & Box	5	Ea.	$3,822.36	$19,112.80
17.	Furnish & Install 20" Butterfly Valve & Box	2	Ea.	$2,372.00	$4,744.00

Item No.	Description	Quantity	Unit	Unit Price	Amount
18.	Furnish & Install 16" Butterfly Valve & Box	2	EA.	$1,745.92	$3,491.84
19.	Furnish & Install 12" Butterfly Valve & Box	2	Ea.	$1,235.28	$2,470.56
20.	Furnish & Install 10" Butterfly Valve & Box	7	Ea.	$962.48	$6,737.36
21.	Furnish & Install 8" Gate Valve & Box	4	Ea.	$406.33	$1,625.32
22.	Furnish & Install 6" Gate Valve & Box	9	Ea.	$308.00	$2,772.00
23.	Furnish & Install 16" x 16" Tapping Sleeve, Valve & Box	1	Ea.	$5,064.00	$5,064.00
24.	Furnish & Install 10"x10" Tapping Sleeve, Valve & Box	2	Ea.	$1,704.80	$3,409.60
25.	Furnish & Install 8"x8" Tapping Sleeve, Valve & Box	2	Ea.	$1,047.04	$2,094.08
26.	Furnish & Install Fire Hydrant	8	Ea.	$707.60	$5,660.80
27.	Furnish & Install 40 L.F. Casing Under Tallassee Rd.		L.S.		$27,800.00
28.	Furnish & Install 124 L.F. Casing Under Jefferson Rd.		L.S.		$86,180.00
29.	Furnish & Install 104 L.F. Casing Under Seaboard Coast Line Railroad		L.S.		$72,280.00

Item No.	Description	Quantity	Unit	Unit Price	Amount
30.	Furnish & Install 60 L.F. Casing Under Chase St.			L.S.	$41,700.00
31.	Furnish & Install 80 L.F. Casing Under Barber St.			L.S.	$55,600.00
32.	Furnish & Install 200 L.F. Casing Under U.S. 29 By-Pass			L.S.	$139,000.00
33.	Furnish & Install 40 L.F. Casing Under Southern Railroad			L.S.	$20,000.00
34.	Furnish & Install 2" Air Release Valve & Manhole	13	Ea.	$1,340.00	$17,420.00
35.	Furnish & Install 1" Air Release Valve & Manhole	13	Ea.	$1,132.00	$14,716.00
36.	Construct road from Chase St. to Barber St. including all Cross Drains		L.S.		$28,035.85
37.	Furnish & Place Crusher Run Base Material	1,000	Tons	$7.92	$7,920.00
38.	Pavement Replacement Type I	320	L.F.	$15.00	$4,800.00
39.	Pavement Replacement Type II	1,650	L.F.	$10.00	$16,500.00
40.	Pavement Replacement Concrete	90	L.F.	$20.00	$1,800.00
41.	Concrete Blocking & Miscellaneous Concrete	90	C.Y.	$100.00	$9,000.00

Item No.	Description	Quantity	Unit	Unit Price	Amount
42.	Trench Stabilization	2,000	C.Y.	$ 10.00	$ 20,000.00
43.	Rock Excavation	15,500	C.Y.	$25.00	$387,500.00

TOTAL AMOUNT BID $2,750,022.85

ALTERNATE PROPOSAL
PRESTRESSED CONCRETE CYLINDER PIPE & FITTINGS

The Bidder has submitted a bid based on using Ductile Iron Pipe. If the Owner elects to use Prestressed Concrete Cylinder Pipe and Fitting in lieu of Ductile Iron Pipe and Fittings on any one size or on all sizes, the following amounts will be added to or deducted from the prices stated in the base bid. The Owner shall have the option of using either Prestressed Concrete Cylinder Pipe and Fittings or Ductile Iron Pipe and Fittings or a combination thereof.

NOTE: BIDDER SHALL INDICATE ADDITION OR DEDUCTION BY CROSSING OUT THE UNDERLINED WORDS NOT APPLICABLE.

44. (a) Furnish & Install 30" Prestressed Concrete Pipe
Add To or ~~Deduct From~~ Base Bid Item No. 1 $ 2.00 per foot

(b) Furnish & Install 30" Prestressed Concrete Fittings
Add To or ~~Deduct From~~ Base Bid Item No. 13 $ 10000.00 L.S.

45. (a) Furnish & Install 30" Prestressed Concrete Bell Bolt Joint Pipe
Add To or ~~Deduct From~~ Base Bid Item No. 2 $ 2.00 per foot

(b) Furnish & Install 30" Prestressed Concrete Bell Bolt Joint Fittings
Add To or ~~Deduct From~~ Base Bid Item No. 13 $ 10000.00 L.S.

46. Furnish & Install 30" Subaqueous Prestressed Concrete Pipe
Add To or ~~Deduct From~~ Base Bid Item No. 3 $ 2.00 per foot

47. (a) Furnish & Install 24" Prestressed Concrete Pipe
Add To or ~~Deduct From~~ Base Bid Item No. 4 $ 2.00 per foot

(b) Furnish & Install 24" Prestressed Concrete Fittings
Add To or ~~Deduct From~~ Base Bid Item No. 13 $ 10,000 L.S.

48. (a) Furnish & Install 24" Prestressed Concrete Bell Bolt Joint Pipe
Add To or ~~Deduct From~~ Base Bid Item No. 5 $ 200 per foot

(b) Furnish & Install 24" Prestressed Concrete Bell Bolt Joint Fittings
Add to or ~~Deduct From~~ Base Bid Item No. 13 $ 10000 L.S.

49. (a) Furnish & Install 20" Prestressed Concrete Pipe
Add To or ~~Deduct From~~ Base Bid Item No. 6 $ 200 per foot

(b) Furnish & Install Prestressed Concrete Fittings
Add To or ~~Deduct From~~ Base Bid Item No. 13 $ 10000 L.S.

50. Furnish & Install 20" subaqueous Prestressed Concrete Pipe
Add To or ~~Deduct From~~ Base Bid Item No. 7 $ 200 per foot

NOTE: In case of discrepancies between the figures shown in the unit prices and total amounts, the unit prices shall apply and the amounts shall be corrected to agree with the unit prices.

All Bidders must bid on every item as listed in the Proposal.

Proposals for construction of the Middle Oconee Raw Water Station, Job No. 800024, will also be received at the same time and place. Bidders may bid on either one or both contracts. Bidder submitting bids on both contracts will be afforded the opportunity of offering a lump sum deduct if awarded both contracts. This deductible lump sum amount, if offered, shall be deducted from the lump sum amount bid for the construction of the Middle Oconee Raw Water Station, Job No. 800024. The Owner reserves the right to award each contract to separate bidders or both contracts to one bidder.

It is understood and agreed that the quantities listed in this Proposal are approximate only and are intended principally to serve as a guide in comparing bids, and may be increased or decreased without invalidating the unit prices bid.

The Bidder agrees hereby to commence work under this Contract on or before a date to be specified in written "Notice to Proceed" of the Owner and to fully complete the project within 365 consecutive calendar days thereafter as stipulated in the Specifications. The Bidder further agrees to pay as liquidated damages, the sum of two hundred and fifty ($250.00) dollars for each consecutive calendar day thereafter as hereinafter provided.

The undersigned furthermore agrees that, in case of failure on his part to execute said Contract and Bond within ten (10) days after being awarded the Contract, the check or bond accompanying

his bid and the money payable thereon shall become the property of the City; otherwise, the check or bond accompanying this proposal shall be returned to the undersigned.

Bidder acknowledges receipt of the following addendum:

Addendum #1

Addendum #2

Attached hereto is a certified check or Bid Bond on the

Addition to the Water System of Athens, Alabama

in the amount of 5% of Bid

Dollars ($).

according to conditions under INSTRUCTION TO BIDDERS.

The full name and residences of persons or parties interested in the foregoing bid, as Principals, are as follows:

President - John M. Weed, Rt. 5, Andalusia, AL 36420

Vice President - Ildeine Starnes, Rt. 5, Andalusia, AL 36420

Secretary-Treasurer - Carolyn Weed Rt. 5, Andalusia, AL 36420

Dated at 2:00 pm the 20th day of November, 1980.

Weed Contracting Company, Inc.

By John M. Weed

The Bidder has based his bid upon and proposes to furnish equipment produced by the following:

Item No.	Equipment	Manufacturer	Representative or Vendor
1.	Gate Valves	Mueller	
2.	Fire Hydrants	Mueller	
	Butterfly Amer.		

SECTION BB

BID BOND:

KNOW ALL MEN BY THESE PRESENTS, that we Weed Contracting Company, Inc.
Route #5, Box 49, Andalusia, Alabama 36420
(hereinafter called the Principal) and
Reliance Insurance Company
(hereinafter called the Surety) a Corporation chartered and existing under the laws of the State of Pennsylvania with its principal offices in the City of Philadelphia and authorized to do business in the State of Georgia is held and firmly bound unto the Mayor and Council of the City of Athens, a municipal Corporation of Clarke County, Georgia, in the full and just sum of

5% of Amount Bid - - - - - - Dollars ($5% of Amount Bid - -)

good and lawful money of the United States of America, to be paid upon demand of the City of Athens, Georgia, to which payment well and truly be made, we bind ourselves, our heirs, executors, administrators, and assigns, jointly and severally and firmly by these presents.

WHEREAS, the Principal is about to submit, or has submitted, to the City of Athens, Georgia, a proposal for furnishing materials, labor and equipment to construct Additions to the Water System for the said City of Athens, Georgia, Job No. 800023-01 more particularly mentioned, and

WHEREAS, the Principal desires to file this bond in accordance with law, in lieu of a certified bidder's check otherwise required to accompany this Proposal.

NOW THEREFORE, the conditions of this obligation are such that if the proposal be accepted, the Principal shall within ten (10) days after receipt of notification of the acceptance thereof, execute a contract in accordance with the Proposal and upon the terms, conditions and prices set forth therein, in the form and manner required by the City of Athens, Georgia; and execute a sufficient and satisfactory Contract Performance Bond and Payment Bond payable to the City of Athens, Georgia, each in an amount of one hundred percent (100%) of the total contract price, in form and with security satisfactory to said City of Athens, Georgia, then this obligation to be void; otherwise to be and remain in full force and virtue in law; and the Surety

shall, upon failure of the Principal to comply with any or all of the foregoing requirements within the time specified above, immediately pay to the aforesaid City of Athens, Georgia upon demand, the amount hereof in good and lawful money of the United States of America, not as a penalty, but as liquidated damages.

IN TESTIMONY THEREOF, the Principal and Surety have caused these presents to be duly signed and sealed this 20th day of November, 1980.

Weed Contracting Company, Inc.
Principal

By John M. Weed
John M. Weed, President

Reliance Insurance Company, Inc.
Surety

By Bob Graf
Bob Graf, Attorney in Fact

Georgia Resident Agent:
W. C. Fox

RELIANCE INSURANCE COMPANY

HEAD OFFICE, PHILADELPHIA, PENNSYLVANIA

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, That the RELIANCE INSURANCE COMPANY, a corporation duly organized under the laws of the State of Pennsylvania, does hereby make, constitute and appoint Bob Graf of Florence, Alabama

its true and lawful Attorney-in-fact, to make execute, seal and deliver for and on its behalf, and as its act and deed any and all bonds and undertakings of Suretyship,

and to bind the RELIANCE INSURANCE COMPANY thereby as fully and to the same extent as if such bonds and undertakings and other writings obligatory in the nature thereof were signed by an Executive Officer of the RELIANCE INSURANCE COMPANY and sealed and attested by one other of such officers, and hereby ratifies and confirms all that its said Attorney(s)-in-fact may do in pursuance hereof.

This Power of Attorney is granted under and by authority of Article VII of the By-Laws of RELIANCE INSURANCE COMPANY which became effective May 11, 1962, which provisions are now in full force and effect, reading as follows:

ARTICLE VII – Execution of Bonds and Undertakings

SECTION 1. The Board of Directors, the President, or any Vice-President or Assistant Vice-President shall have power and authority to: (a) appoint Attorneys-in-fact and to authorize them to execute on behalf of the Company, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, and (b) to remove any such Attorney-in-fact at any time and revoke the power and authority given to him.

SECTION 2. Attorneys-in-fact shall have power and authority, subject to the terms and limitations of the power of attorney issued to them, to execute and deliver on behalf of the Company, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof. The corporate seal is not necessary for the validity of any bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof.

This power of attorney is signed and sealed by facsimile under and by authority of the following Resolution adopted by the Board of Directors of RELIANCE INSURANCE COMPANY at a meeting held on the 8th day of May, 1959, at which a quorum was present, and said Resolution has not been amended or repealed:

> "Resolved, that the signatures of such directors and officers and the seal of the Company may be affixed to any such power of attorney or any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached."

IN WITNESS WHEREOF, the RELIANCE INSURANCE COMPANY has caused these presents to be signed by its Vice-President, and its corporate seal to be hereto affixed, this 16th day of June 1978.

RELIANCE INSURANCE COMPANY

R. S. Bedworth
Vice-President

STATE OF Pennsylvania }
COUNTY OF Philadelphia } ss.

On this 16th day of June, 1978, personally appeared R. S. Bedworth, to me known to be the Vice-President of the RELIANCE INSURANCE COMPANY, and acknowledged that he executed and attested the foregoing instrument and affixed the seal of said corporation thereto, and that Article VII Section 1 and 2 of the By-Laws of said Company, set forth therein, is still in full force.

Margaret E. Davis

My Commission Expires:

April 7, 1980

Notary Public in and for State of Pennsylvania

Residing at Philadelphia

I, J. A. Daily, Assistant Secretary of the RELIANCE INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney executed by said RELIANCE INSURANCE COMPANY, which is still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company this 20th day of November 1980

Assistant Secretary

BDR-1431 Ed. 7/71

SECTION PC

PARTNERSHIP CERTIFICATE:

STATE OF_____

_____COUNTY

On this_____day of_____, 19_____, before me

personally appeared_____

known to me to be the person who executed the above instrument, who, being by me first duly sworn, did expose and say that he is a general partner in the firm of_____

_____

and that said firm consists of himself and

_____

_____

and that he executed the foregoing instrument, on behalf of said firm for the uses and purposes stated therein, and that no one except the above named members of the firm have any financial interest whatsoever in said proposed contract.

_____

Subscribed and sworn to before me, this_____day of

_____, 19____.

_____
Notary Public

My Commission Expires:

_____

SECTION CC

CORPORATE CERTIFICATE:

I, Carolyn D. Weed, certify that I am the Secretary of the corporation named as Contractor in the foregoing proposal; that Johnny M. Weed, who signed said proposal in behalf of the Contractor was then President of said corporation, that said proposal was duly signed for and in behalf of said corporation by authority of its Board of Directors, and is within the scope of its corporate powers; that said corporation is organized under the laws of the State of Alabama.

This 20th day of December, 19 80.

John Weed

L.S.

(SEAL)

PROPOSAL

TO: THE CITY OF ATHENS
ATHENS, GEORGIA
ADDITIONS TO THE WATER SYSTEM
CONTRACT NO. 800023-01

GENTLEMEN:

The undersigned, as Bidder, hereby declares that the only person, company, or parties interested in this Proposal or the Contract to be entered into, as Principals, are named herein; and that this Proposal is made without connection with any other person, company, or parties making a bid or proposal; and that it is in all respects fair and in good faith without collusion or fraud.

That the Bidder has carefully examined and fully understands the Contract, Plans and Specifications, and other Documents hereto attached, and has made a personal examination of the site of the proposed work, and has satisfied himself as to the actual conditions and requirements of the work, and that he hereby proposes and agrees that if his Proposal is accepted, he will enter into Contract with the City of Athens, Georgia, in the form of Contract hereto attached, to furnish all necessary machinery, tools, apparatus, and other means of construction, and all materials, equipment, and labor necessary to construct and complete the work specified under the following items, and in the Contract, and called for by the Plans, in the manner specified and in the time mentioned, according to the requirements as hereinafter set forth, for the following prices, each price to include all cost incidental to the work to which it applies, to-wit:

BID SCHEDULE

Item No.	Description	Quantity	Unit	Unit Price	Amount
1.	Furnish & Install 30" D.I. Water Main	19,620	L.F.	$ 43.00	$ 843,660.00
2.	Furnish & Install 30" D.I. Restrained Joint Water Main	608	L.F.	$ 62.00	$ 37,696.00
3.	Furnish & Install 30" D.I. Ball Joint Water Main	205	L.F.	$ 387.00	$ 79,335.00

Item No.	Description	Quantity	Unit	Unit Price	Amount
4.	Furnish & Install 24" D.I. Water Main	16,430	L.F.	$ 35.00	$ 575,050.00
5.	Furnish & Install 24" D.I. Restrained Joint Water Main	366	L.F.	$ 45.00	$ 16,470.00
6.	Furnish & Install 20" D.I. Water Main	4,080	L.F.	$ 34.00	$ 138,720.00
7.	Furnish & Install 20" D.I. Ball Joint Water Main	205	L.F.	$ 170.00	$ 34,850.00
8.	Furnish & Install 16" D.I. Water Main	35	L.F.	$ 20.00	$ 700.00
9.	Furnish & Install 12" D.I. Water Main	40	L.F.	$ 18.00	$ 720.00
10.	Furnish & Install 10" D.I. Water Main	180	L.F.	$ 17.00	$ 3060.00
11.	Furnish & Install 8" D.I. Water Main	120	L.F.	$ 12.00	$ 1440.00
12.	Furnish & Install 6" D.I. Water Main	240	L.F.	$ 10.00	$ 2400.00
13.	Furnish & Install D.I. Fittings	45.0	Tons	$ 2700.00	$ 121,500.00
14.	Furnish & Install 36" Butterfly Valve & Box	2	Ea.	$ 12,000.00	$ 24,000.00
15.	Furnish & Install 30" Butterfly Valve & Box	2	Ea.	$ 8,000.00	$ 16,000.00
16.	Furnish & Install 24" Butterfly Valve & Box	5	Ea.	$ 6,000.00	$ 30,000.00
17.	Furnish & Install 20" Butterfly Valve & Box	2	Ea.	$ 4000.00	$ 8,000.00

Item No.	Description	Quantity	Unit	Unit Price	Amount
18.	Furnish & Install 16" Butterfly Valve & Box	2	EA.	$2000.00	$4,000.00
19.	Furnish & Install 12" Butterfly Valve & Box	2	Ea.	$1500.00	$3,000.00
20.	Furnish & Install 10" Butterfly Valve & Box	7	Ea.	$1000.00	$7,000.00
21.	Furnish & Install 8" Gate Valve & Box	4	Ea.	$400.00	$1600.00
22.	Furnish & Install 6" Gate Valve & Box	9	Ea.	$300.00	$2700.00
23.	Furnish & Install 16" x 16" Tapping Sleeve, Valve & Box	1	Ea.	$6000.00	$6000.00
24.	Furnish & Install 10"x10" Tapping Sleeve, Valve & Box	2	Ea.	$2,000.00	$4000.00
25.	Furnish & Install 8"x8" Tapping Sleeve, Valve & Box	2	Ea.	$1000.00	$2000.00
26.	Furnish & Install Fire Hydrant	8	Ea.	$850.00	$6800.00
27.	Furnish & Install 40 L.F. Casing Under Tallassee Rd.		L.S.		$20400.00
28.	Furnish & Install 124 L.F. Casing Under Jefferson Rd.		L.S.		$69,440.00
29.	Furnish & Install 104 L.F. Casing Under Seaboard Coast Line Railroad		L.S.		$58,240.00

Item No.	Description	Quantity	Unit	Unit Price	Amount
30.	Furnish & Install 60 L.F. Casing Under Chase St.			L.S.	$ 33,600.00
31.	Furnish & Install 80 L.F. Casing Under Barber St.			L.S.	$ 44,800.00
32.	Furnish & Install 200 L.F. Casing Under U.S. 29 By-Pass			L.S.	$ 112,000.00
33.	Furnish & Install 40 L.F. Casing Under Southern Railroad			L.S.	$ 20,000.00
34.	Furnish & Install 2" Air Release Valve & Manhole	13	Ea.	$ 1000.00	$ 13,000.00
35.	Furnish & Install 1" Air Release Valve & Manhole	13	Ea.	$ 900.00	$ 11,700.00
36.	Construct road from Chase St. to Barber St. including all Cross Drains		L.S.		$ 10,000.00
37.	Furnish & Place Crusher Run Base Material	1,000	Tons	$ 8.00	$ 8,000.00
38.	Pavement Replacement Type I	320	L.F.	$ 8.00	$ 2,560.00
39.	Pavement Replacement Type II	1,650	L.F.	$ 6.00	$ 9,900.00
40.	Pavement Replacement Concrete	90	L.F.	$ 4.00	$ 360.00
41.	Concrete Blocking & Miscellaneous Concrete	90	C.Y.	$ 90.00	$ 8100.00

Item No.	Description	Quantity	Unit	Unit Price	Amount
42.	Trench Stabilization	2,000	C.Y.	$ 4.00	$ 8,000.00
43.	Rock Excavation	15,500	C.Y.	$25.00	$ 387,500.00

TOTAL AMOUNT BID $ 2,788,301.00

ALTERNATE PROPOSAL
PRESTRESSED CONCRETE CYLINDER PIPE & FITTINGS

The Bidder has submitted a bid based on using Ductile Iron Pipe. If the Owner elects to use Prestressed Concrete Cylinder Pipe and Fitting in lieu of Ductile Iron Pipe and Fittings on any one size or on all sizes, the following amounts will be added to or deducted from the prices stated in the base bid. The Owner shall have the option of using either Prestressed Concrete Cylinder Pipe and Fittings or Ductile Iron Pipe and Fittings or a combination thereof.

NOTE: BIDDER SHALL INDICATE ADDITION OR DEDUCTION BY CROSSING OUT THE UNDERLINED WORDS NOT APPLICABLE.

44. (a) Furnish & Install 30" Prestressed Concrete Pipe
Add To or ~~Deduct From~~ Base Bid Item No. 1 $ 2.00 per foot

(b) Furnish & Install 30" Prestressed Concrete Fittings
Add To or ~~Deduct From~~ Base Bid Item No. 13 $ 500.00 L.S.

45. (a) Furnish & Install 30" Prestressed Concrete Bell Bolt Joint Pipe
Add To or ~~Deduct From~~ Base Bid Item No. 2 $ 2.00 per foot

(b) Furnish & Install 30" Prestressed Concrete Bell Bolt Joint Fittings
Add To or ~~Deduct From~~ Base Bid Item No. 13 $ 500.00 L.S.

46. Furnish & Install 30" Subaqueous Prestressed Concrete Pipe
Add To or ~~Deduct From~~ Base Bid Item No. 3 $ 10.00 per foot

47. (a) Furnish & Install 24" Prestressed Concrete Pipe
Add To or ~~Deduct From~~ Base Bid Item No. 4 $ 5.00 per foot

(b) Furnish & Install 24" Prestressed Concrete Fittings
Add To or ~~Deduct From~~ Base Bid Item No. 13 $ 5000.00 L.S.

48. (a) Furnish & Install 24" Prestressed Concrete Bell Bolt Joint Pipe
Add To or ~~Deduct From~~ Base Bid Item No. 5 $ 2.00 per foot

(b) Furnish & Install 24" Prestressed Concrete Bell Bolt Joint Fittings
Add to or ~~Deduct From~~ Base Bid Item No. 13 $ 5000.00 L.S.

49. (a) Furnish & Install 20" Prestressed Concrete Pipe
Add To or ~~Deduct From~~ Base Bid Item No. 6 $ 2.00 per foot

(b) Furnish & Install Prestressed Concrete Fittings
Add To or ~~Deduct From~~ Base Bid Item No. 13 $ 5000.00 L.S.

50. Furnish & Install 20" subaqueous Prestressed Concrete Pipe
Add To or ~~Deduct From~~ Base Bid Item No. 7 $ 2.00 per foot

NOTE: In case of discrepancies between the figures shown in the unit prices and total amounts, the unit prices shall apply and the amounts shall be corrected to agree with the unit prices.

All Bidders must bid on every item as listed in the Proposal.

Proposals for construction of the Middle Oconee Raw Water Station, Job No. 800024, will also be received at the same time and place. Bidders may bid on either one or both contracts. Bidder submitting bids on both contracts will be afforded the opportunity of offering a lump sum deduct if awarded both contracts. This deductible lump sum amount, if offered, shall be deducted from the lump sum amount bid for the construction of the Middle Oconee Raw Water Station, Job No. 800024. The Owner reserves the right to award each contract to separate bidders or both contracts to one bidder.

It is understood and agreed that the quantities listed in this Proposal are approximate only and are intended principally to serve as a guide in comparing bids, and may be increased or decreased without invalidating the unit prices bid.

The Bidder agrees hereby to commence work under this Contract on or before a date to be specified in written "Notice to Proceed" of the Owner and to fully complete the project within 365 consecutive calendar days thereafter as stipulated in the Specifications. The Bidder further agrees to pay as liquidated damages, the sum of two hundred and fifty ($250.00) dollars for each consecutive calendar day thereafter as hereinafter provided.

The undersigned furthermore agrees that, in case of failure on his part to execute said Contract and Bond within ten (10) days after being awarded the Contract, the check or bond accompanying

his bid and the money payable thereon shall become the property of the City; otherwise, the check or bond accompanying this proposal shall be returned to the undersigned.

Bidder acknowledges receipt of the following addendum:

#1 Dated Nov. 6, 1980

#2 Dated Nov. 13, 1980

Attached hereto is a certified check or Bid Bond on the Aetna Insurance Company of Connecticut in the amount of 5% of amount bid _____ Dollars ($_____).

according to conditions under INSTRUCTION TO BIDDERS.

The full name and residences of persons or parties interested in the foregoing bid, as Principals, are as follows:

Duane C. Olin Kester Rd. Memphis, N.Y. 13112

Dated at Smyrna, Georgia the 20th day of November, 1980.

By Duane C. Olin Pres

The Bidder has based his bid upon and proposes to furnish equipment produced by the following:

Item No.	Equipment	Manufacturer	Representative or Vendor
1.	Gate Valves	American	American
2.	Fire Hydrants	Mueller	Connecticut Pipe

SECTION BB

BID BOND:

KNOW ALL MEN BY THESE PRESENTS, that we MEMPHIS CONSTRUCTION, INC.

(hereinafter called the Principal) and AETNA INSURANCE COMPANY

(hereinafter called the Surety) a Corporation chartered and existing under the laws of the State of CONNECTICUT with its principal offices in the City of HARTFORD and authorized to do business in the State of Georgia is held and firmly bound unto the Mayor and Council of the City of Athens, a municipal Corporation of Clarke County, Georgia, in the full and just sum of

FIVE PERCENT (5%) OF ATTACHED PROPOSAL Dollars ($)

good and lawful money of the United States of America, to be paid upon demand of the City of Athens, Georgia, to which payment well and truly be made, we bind ourselves, our heirs, executors, administrators, and assigns, jointly and severally and firmly by these presents.

WHEREAS, the Principal is about to submit, or has submitted, to the City of Athens, Georgia, a proposal for furnishing materials, labor and equipment to construct Additions to the Water System for the said City of Athens, Georgia, Job No. 800023-01 more particularly mentioned, and

WHEREAS, the Principal desires to file this bond in accordance with law, in lieu of a certified bidder's check otherwise required to accompany this Proposal.

NOW THEREFORE, the conditions of this obligation are such that if the proposal be accepted, the Principal shall within ten (10) days after receipt of notification of the acceptance thereof, execute a contract in accordance with the Proposal and upon the terms, conditions and prices set forth therein, in the form and manner required by the City of Athens, Georgia; and execute a sufficient and satisfactory Contract Performance Bond and Payment Bond payable to the City of Athens, Georgia, each in an amount of one hundred percent (100%) of the total contract price, in form and with security satisfactory to said City of Athens, Georgia, then this obligation to be void; otherwise to be and remain in full force and virtue in law; and the Surety

shall, upon failure of the Principal to comply with any or all of the foregoing requirements within the time specified above, immediately pay to the aforesaid City of Athens, Georgia upon demand, the amount hereof in good and lawful money of the United States of America, not as a penalty, but as liquidated damages.

IN TESTIMONY THEREOF, the Principal and Surety have caused these presents to be duly signed and sealed this 10TH day of NOVEMBER, 19 80.

MEMPHIS CONSTRUCTION, INC.
Principal

By _____
DUANE C. OLIN, PRESIDENT

AETNA INSURANCE COMPANY
Surety

By _____
PAUL J. BROOKS
ATTORNEY-IN-FACT

AETNA INSURANCE COMPANY

HARTFORD, CONNECTICUT

POWER OF ATTORNEY

Know all Men by these Presents, That AETNA INSURANCE COMPANY, a corporation created by and existing under the laws of the State of Connecticut, having its principal office in the City of Hartford, State of Connecticut, does hereby nominate, constitute and appoint Paul J. Brooks or Robert T. Lacey or Lawrence P. Brooks or Linda M. Brooks of Johnson City, New York* * *

its true and lawful attorney(s) in fact, with full power and authority hereby conferred to execute, and to affix thereto the seal of the corporation, as Surety, as its act and deed, subject to the limitations and conditions hereinafter set forth, bonds and undertakings as follows:

Any and all bonds and undertakings of suretyship* *

and to bind AETNA INSURANCE COMPANY thereby as fully and to the same extent as if such bond were signed by the duly authorized officers of AETNA INSURANCE COMPANY, and all the acts of said attorney(s), pursuant to the authority herein given, are hereby ratified and confirmed.

This power of attorney is granted under and by the authority of the following applicable paragraphs of ARTICLE 11 of the BYLAWS of the company:

The president or a vice president may execute fidelity and surety bonds and other bonds, contracts of indemnity, recognizances

Corporation Acknowledgment.

State of NEW YORK
County of BROOME } ss.:

On this 10TH day of NOVEMBER, 19 80, before me personally came DUANE C. OLIN to me known, who being by me duly sworn, did depose and say: that he resided in MEMPHIS, NY that he is the PRESIDENT of the MEMPHIS CONSTRUCTION, INC. the corporation described in and which executed the above instrument; that he knew the seal of said corporation; and the seal affixed to said instrument was such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed his name thereto by like order.

Linda M. Brooks
Notary Public

LINDA M. BROOKS
Notary Public, State of New York
Qualified in Broome County
My Commission expires March 30, 19 81

630-215 Ed. July 67

COUNTY OF HARTFORD }

Secretary

On this 1st day of April 19 79, before me, Diane L. Tackett, the undersigned officer, personally appeared F. D. WATKINS and J. J. MURPHY who acknowledged themselves to be the President and Secretary of AETNA INSURANCE COMPANY, a corporation, and that they, as such President and Secretary being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing the name of the corporation by themselves as President and Secretary, and that said Secretary affixed thereto the seal of the corporation and attested to the execution of the foregoing instrument.

In Witness Whereof I hereunto set my hand and seal.

Diane L. Tackett
Notary Public

My commission expires April 1, 1980

CERTIFICATE

I, the undersigned, Secretary of the AETNA INSURANCE COMPANY, a Connecticut corporation, DO HEREBY CERTIFY that the above and foregoing Power of Attorney remains in full force and has not been revoked; and, furthermore, that the paragraphs of ARTICLE 11 of the BYLAWS of the corporation, and the Resolution of the Board of Directors, as set forth in the Power of Attorney, are now in force.

Signed and Sealed at Hartford, Connecticut, this 10TH day of NOVEMBER, 19 80

J. J. Murphy
Secretary

State of New York,
County of Broome } ss.
City of Johnson City

On this 10TH day of NOVEMBER 19 80, before me personally appeared PAUL J. BROOKS, to me known, who being by me duly sworn, did depose and say that he resides in TOWN OF CHENANGO, NY; that he is Attorney-in-Fact of AETNA INSURANCE COMPANY, the corporation described in and which executed the foregoing instrument; that he knows the seal of the said Corporation; that the seal affixed to such instrument is such corporate seal and was attached thereto by authority granted under the By-Laws of said Corporation, and that he signed his name thereto as Attorney-in-Fact by authority granted under the By-Laws of said Corporation, and that the said Corporation has received from the Superintendent of Insurance of the State of New York a certificate of solvency and of its sufficiency as surety or guarantor under Section 327, Chapter 882 of the Laws of 1939, being Chapter 28 of the Consolidated Laws of the State of New York for the year 1939, and as amended and that such certificate has not been revoked.

(SEAL)

LINDA M. BROOKS
Notary Public, State of New York
Residing in Broome County
My Commission expires March 30, 19 81

Linda M. Brooks
Notary Public

#4464
Form 630-215 (N.Y.) Ed. Aug. '77

aetna
insurance company

FINANCIAL STATEMENT

December 31, 1979

ASSETS

Bonds	$1,213,709,404
Stocks	143,001,246
Real Estate	4,279,459
Cash on Hand and in Bank	39,871,544
Premiums in Course of Collection	152,895,101
Interest Accrued	14,915,617
Other Assets	102,031,382
TOTAL ASSETS	$1,670,703,753

LIABILITIES

Reserve for Unearned Premiums	$ 366,136,832
Reserve for Losses	867,759,830
Reserve for Taxes	16,285,351
Reserve for Dividends	14,080,748
Funds Held Under Reinsurance Treaties	28,074,648
Other Liabilities	69,679,021
TOTAL LIABILITIES	$1,362,016,430
Capital: 1,000,000 Shares, $10 Par Value	$ 10,000,000
Voluntary Security Valuation Reserve	3,611,545
Surplus (Unassigned)	295,075,778
SURPLUS TO POLICYHOLDERS	$ 308,687,323
TOTAL	$1,670,703,753

STATE OF CONNECTICUT)
)
COUNTY OF HARTFORD)

James A. Mitchell, Jr., being duly sworn, says that he is the Vice President of the AETNA INSURANCE COMPANY and that to the best of his knowledge and belief the foregoing is a true and correct statement of the said Company's financial condition as of the 31st day of December, 1979.

Sworn to before me this 19th day of February, 1980.

Diane L. Tackett
Notary Public

DIANE L. TACKETT NOTARY PUBLIC HARTFORD, CONN.

James A. Mitchell
Vice President

My Commission expires April 1, 1980.

630-6348 (2/80)

SECTION PC

PARTNERSHIP CERTIFICATE:

STATE OF_____

_____COUNTY

On this_____day of_____, 19_____, before me

personally appeared_____

known to me to be the person who executed the above instrument, who, being by me first duly sworn, did expose and say that he is a general partner in the firm of_____

_____

and that said firm consists of himself and

_____

_____

and that he executed the foregoing instrument, on behalf of said firm for the uses and purposes stated therein, and that no one except the above named members of the firm have any financial interest whatsoever in said proposed contract.

_____

Subscribed and sworn to before me, this_____day of

_____, 19____.

_____

Notary Public

My Commission Expires:

_____

SECTION CC

CORPORATE CERTIFICATE:

I, Barbara J. Olin, certify that I am the Secretary of the corporation named as Contractor in the foregoing proposal; that Duane C. Olin, who signed said proposal in behalf of the Contractor was then President of said corporation, that said proposal was duly signed for and in behalf of said corporation by authority of its Board of Directors, and is within the scope of its corporate powers; that said corporation is organized under the laws of the State of New York.

This 20th day of November, 19 80.

Barbara J. Olin

_____ L.S.

(SEAL)

PROPOSAL

TO: THE CITY OF ATHENS
ATHENS, GEORGIA
ADDITIONS TO THE WATER SYSTEM
CONTRACT NO. 800023-01

GENTLEMEN:

The undersigned, as Bidder, hereby declares that the only person, company, or parties interested in this Proposal or the Contract to be entered into, as Principals, are named herein; and that this Proposal is made without connection with any other person, company, or parties making a bid or proposal; and that it is in all respects fair and in good faith without collusion or fraud.

That the Bidder has carefully examined and fully understands the Contract, Plans and Specifications, and other Documents hereto attached, and has made a personal examination of the site of the proposed work, and has satisfied himself as to the actual conditions and requirements of the work, and that he hereby proposes and agrees that if his Proposal is accepted, he will enter into Contract with the City of Athens, Georgia, in the form of Contract hereto attached, to furnish all necessary machinery, tools, apparatus, and other means of construction, and all materials, equipment, and labor necessary to construct and complete the work specified under the following items, and in the Contract, and called for by the Plans, in the manner specified and in the time mentioned, according to the requirements as hereinafter set forth, for the following prices, each price to include all cost incidental to the work to which it applies, to-wit:

BID SCHEDULE

Item No.	Description	Quantity	Unit	Unit Price	Amount
1.	Furnish & Install 30" D.I. Water Main	19,620	L.F.	R.T.S. $45.75	R.T.S. $897,615.00
2.	Furnish & Install 30" D.I. Restrained Joint Water Main	608	L.F.	$60.55	$36,814.40
3.	Furnish & Install 30" D.I. Ball Joint Water Main	205	L.F.	$393.05	$80,575.25

Item No.	Description	Quantity	Unit	Unit Price	Amount
4.	Furnish & Install 24" D.I. Water Main	16,430	L.F.	$ 42.90	$ 704,847.00
5.	Furnish & Install 24" D.I. Restrained Joint Water Main	366	L.F.	$ 42.55	$ 15,573.30
6.	Furnish & Install 20" D.I. Water Main	4,080	L.F.	$ 39.40	$ 160,752.00
7.	Furnish & Install 20" D.I. Ball Joint Water Main	205	L.F.	$ 163.05	$ 33,425.25
8.	Furnish & Install 16" D.I. Water Main	35	L.F.	$ 20.05	$ 701.75
9.	Furnish & Install 12" D.I. Water Main	40	L.F.	$ 15.55	$ 622.00
10.	Furnish & Install 10" D.I. Water Main	180	L.F.	$ 15.05	$ 2709.00
11.	Furnish & Install 8" D.I. Water Main	120	L.F.	$ 11.25	$ 1350.00
12.	Furnish & Install 6" D.I. Water Main	240	L.F.	$ 9.75	$ 2340.00
13.	Furnish & Install D.I. Fittings	45.0	Tons	$ 2506.00	$ 112,770.00
14.	Furnish & Install 36" Butterfly Valve & Box	2	Ea.	$ 8650.00	$ 17,300.00
15.	Furnish & Install 30" Butterfly Valve & Box	2	Ea.	$ 6150.00	$ 12,300.00
16.	Furnish & Install 24" Butterfly Valve & Box	5	Ea.	$ 3025.00	$ 15,125.00
17.	Furnish & Install 20" Butterfly Valve & Box	2	Ea.	$ 2050.00	$ 4100.00

Item No.	Description	Quantity	Unit	Unit Price	Amount
18.	Furnish & Install 16" Butterfly Valve & Box	2	EA.	$1400.00	$2800.00
19.	Furnish & Install 12" Butterfly Valve & Box	2	Ea.	$850.00	$1700.00
20.	Furnish & Install 10" Butterfly Valve & Box	7	Ea.	$775.00	$5425.00
21.	Furnish & Install 8" Gate Valve & Box	4	Ea.	$320.00	$1280.00
22.	Furnish & Install 6" Gate Valve & Box	9	Ea.	$240.00	$2160.00
23.	Furnish & Install 16" x 16" Tapping Sleeve, Valve & Box	1	Ea.	$4350.00	$4350.00
24.	Furnish & Install 10"x10" Tapping Sleeve, Valve & Box	2	Ea.	$1100.00	$2200.00
25.	Furnish & Install 8"x8" Tapping Sleeve, Valve & Box	2	Ea.	$775.00	$1550.00
26.	Furnish & Install Fire Hydrant	8	Ea.	$735.00	$5880.00
27.	Furnish & Install 40 L.F. Casing Under Tallassee Rd.		L.S.		$19,000.00
28.	Furnish & Install 124 L.F. Casing Under Jefferson Rd.		L.S.		$58,900.00
29.	Furnish & Install 104 L.F. Casing Under Seaboard Coast Line Railroad		L.S.		$49,400.00

Item No.	Description	Quantity	Unit	Unit Price	Amount
30.	Furnish & Install 60 L.F. Casing Under Chase St.			L.S.	$ 28,500 00
31.	Furnish & Install 80 L.F. Casing Under Barber St.			L.S.	$ 38,000 00
32.	Furnish & Install 200 L.F. Casing Under U.S. 29 By-Pass			L.S.	$ 95,000 00
33.	Furnish & Install 40 L.F. Casing Under Southern Railroad			L.S.	$ 18,000 00
34.	Furnish & Install 2" Air Release Valve & Manhole	13	Ea.	$ 1005 00	$ 13,065 00
35.	Furnish & Install 1" Air Release Valve & Manhole	13	Ea.	$ 820 00	$ 10,660 00
36.	Construct road from Chase St. to Barber St. including all Cross Drains		L.S.		$ 14,000 00
37.	Furnish & Place Crusher Run Base Material	1,000	Tons	$ 6 00	$ 6,000 00
38.	Pavement Replacement Type I	320	L.F.	$ 1 00	$ 320 00
39.	Pavement Replacement Type II	1,650	L.F.	$ 1 00	$ 1650 00
40.	Pavement Replacement Concrete	90	L.F.	$ 10 00	$ 900 00
41.	Concrete Blocking & Miscellaneous Concrete	90	C.Y.	$ 70 00	$ 6300 00

Item No.	Description	Quantity	Unit	Unit Price	Amount
42.	Trench Stabilization	2,000	C.Y.	$ 10.00	$ 20,000.00
43.	Rock Excavation	15,500	C.Y.	$25.00	$387,500.00

TOTAL AMOUNT BID R.75 $ 2,893,459.95

ALTERNATE PROPOSAL
PRESTRESSED CONCRETE CYLINDER PIPE & FITTINGS

The Bidder has submitted a bid based on using Ductile Iron Pipe. If the Owner elects to use Prestressed Concrete Cylinder Pipe and Fitting in lieu of Ductile Iron Pipe and Fittings on any one size or on all sizes, the following amounts will be added to or deducted from the prices stated in the base bid. The Owner shall have the option of using either Prestressed Concrete Cylinder Pipe and Fittings or Ductile Iron Pipe and Fittings or a combination thereof.

NOTE: BIDDER SHALL INDICATE ADDITION OR DEDUCTION BY CROSSING OUT THE UNDERLINED WORDS NOT APPLICABLE.

44. (a) Furnish & Install 30" Prestressed Concrete Pipe
Add To or Deduct From Base Bid Item No. 1 $ -0- per foot

(b) Furnish & Install 30" Prestressed Concrete Fittings
Add To or Deduct From Base Bid Item No. 13 $ -0- L.S.

45. (a) Furnish & Install 30" Prestressed Concrete Bell Bolt Joint Pipe
Add To or Deduct From Base Bid Item No. 2 $ -0- per foot

(b) Furnish & Install 30" Prestressed Concrete Bell Bolt Joint Fittings
Add To or Deduct From Base Bid Item No. 13 $ -0- L.S.

46. Furnish & Install 30" Subaqueous Prestressed Concrete Pipe
Add To or Deduct From Base Bid Item No. 3 $ -0- per foot

47. (a) Furnish & Install 24" Prestressed Concrete Pipe
Add To or Deduct From Base Bid Item No. 4 $ -0- per foot

(b) Furnish & Install 24" Prestressed Concrete Fittings
Add To or Deduct From Base Bid Item No. 13 $ -0- L.S.

48. (a) Furnish & Install 24" Prestressed Concrete Bell Bolt Joint Pipe
Add To or Deduct From Base Bid Item No. 5 $ -0- per foot

(b) Furnish & Install 24" Prestressed Concrete Bell Bolt Joint Fittings
Add to or Deduct From Base Bid Item No. 13 $ -0- L.S.

49. (a) Furnish & Install 20" Prestressed Concrete Pipe
Add To or Deduct From Base Bid Item No. 6 $ -0- per foot

(b) Furnish & Install Prestressed Concrete Fittings
Add To or Deduct From Base Bid Item No. 13 $ -0- L.S.

50. Furnish & Install 20" subaqueous Prestressed Concrete Pipe
Add To or Deduct From Base Bid Item No. 7 $ -0- per foot

NOTE: In case of discrepancies between the figures shown in the unit prices and total amounts, the unit prices shall apply and the amounts shall be corrected to agree with the unit prices.

All Bidders must bid on every item as listed in the Proposal.

Proposals for construction of the Middle Oconee Raw Water Station, Job No. 800024, will also be received at the same time and place. Bidders may bid on either one or both contracts. Bidder submitting bids on both contracts will be afforded the opportunity of offering a lump sum deduct if awarded both contracts. This deductible lump sum amount, if offered, shall be deducted from the lump sum amount bid for the construction of the Middle Oconee Raw Water Station, Job No. 800024. The Owner reserves the right to award each contract to separate bidders or both contracts to one bidder.

It is understood and agreed that the quantities listed in this Proposal are approximate only and are intended principally to serve as a guide in comparing bids, and may be increased or decreased without invalidating the unit prices bid.

The Bidder agrees hereby to commence work under this Contract on or before a date to be specified in written "Notice to Proceed" of the Owner and to fully complete the project within 365 consecutive calendar days thereafter as stipulated in the Specifications. The Bidder further agrees to pay as liquidated damages, the sum of two hundred and fifty ($250.00) dollars for each consecutive calendar day thereafter as hereinafter provided.

The undersigned furthermore agrees that, in case of failure on his part to execute said Contract and Bond within ten (10) days after being awarded the Contract, the check or bond accompanying

his bid and the money payable thereon shall become the property of the City; otherwise, the check or bond accompanying this proposal shall be returned to the undersigned.

Bidder acknowledges receipt of the following addendum:

#1(11-6-80), #2(11-13-80)

Attached hereto is a ~~certified check or~~ Bid Bond on the SEABOARD SURETY CO. of NEW YORK, NEW YORK in the amount of FIVE PERCENT OF AMOUNT BID. Dollars ($ 5% OF BID.).

according to conditions under INSTRUCTION TO BIDDERS.

The full name and residences of persons or parties interested in the foregoing bid, as Principals, are as follows:

STOCK HOLDERS OF
RUBY CONSTRUCTION CO., INC.

Dated at ATHENS, GA. the 20th day of NOVEMBER, 1980.

RUBY-COLLINS, INC.
By Richard F. Smith PRES.

The Bidder has based his bid upon and proposes to furnish equipment produced by the following:

Item No.	Equipment	Manufacturer	Representative or Vendor
1.	Gate Valves	ACIPCO	J. WHELCHEL
2.	Fire Hydrants	MEULLER	CONSOLIDATED PIPE

SECTION BB

BID BOND:

KNOW ALL MEN BY THESE PRESENTS, that we

RUBY-COLLINS, INC.

(hereinafter called the Principal) and

SEABOARD SURETY COMPANY

(hereinafter called the Surety) a Corporation chartered and existing under the laws of the State of NEW YORK with its principal offices in the City of NEW YORK and authorized to do business in the State of Georgia is held and firmly bound unto the Mayor and Council of the City of Athens, a municipal Corporation of Clarke County, Georgia, in the full and just sum of

FIVE PERCENT (5%) OF AMOUNT BID Dollars ($5% OF BID)

good and lawful money of the United States of America, to be paid upon demand of the City of Athens, Georgia, to which payment well and truly be made, we bind ourselves, our heirs, executors, administrators, and assigns, jointly and severally and firmly by these presents.

WHEREAS, the Principal is about to submit, or has submitted, to the City of Athens, Georgia, a proposal for furnishing materials, labor and equipment to construct Additions to the Water System for the said City of Athens, Georgia, Job No. 800023-01 more particularly mentioned, and

WHEREAS, the Principal desires to file this bond in accordance with law, in lieu of a certified bidder's check otherwise required to accompany this Proposal.

NOW THEREFORE, the conditions of this obligation are such that if the proposal be accepted, the Principal shall within ten (10) days after receipt of notification of the acceptance thereof, execute a contract in accordance with the Proposal and upon the terms, conditions and prices set forth therein, in the form and manner required by the City of Athens, Georgia; and execute a sufficient and satisfactory Contract Performance Bond and Payment Bond payable to the City of Athens, Georgia, each in an amount of one hundred percent (100%) of the total contract price, in form and with security satisfactory to said City of Athens, Georgia, then this obligation to be void; otherwise to be and remain in full force and virtue in law; and the Surety

shall, upon failure of the Principal to comply with any or all of the foregoing requirements within the time specified above, immediately pay to the aforesaid City of Athens, Georgia upon demand, the amount hereof in good and lawful money of the United States of America, not as a penalty, but as liquidated damages.

IN TESTIMONY THEREOF, the Principal and Surety have caused these presents to be duly signed and sealed this 20th

day of NOVEMBER, 1980.

RUBY-COLLINS, INC.
Principal

By Richard F. Smith PRES.

SEABOARD SURETY CO.
Surety

By Ivy S. Allen
(Attorney-in-fact)

Certified Copy

No. 7953

SEABOARD SURETY COMPANY
NEW YORK, NEW YORK

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That SEABOARD SURETY COMPANY, a corporation of the State of New York, has made, constituted and appointed and by these presents does make, constitute and appoint Fred S. Allen, Jr.

of Louisville, Kentucky
its true and lawful Attorney-in-Fact, to make, execute and deliver on its behalf insurance policies, surety bonds, undertakings and other instruments of similar nature as follows: Without Limitations.

Such insurance policies, surety bonds, undertakings and instruments for said purposes, when duly executed by the aforesaid Attorney-in-Fact, shall be binding upon the said Company as fully and to the same extent as if signed by the duly authorized officers of the Company and sealed with its corporate seal; and all the acts of said Attorney-inFact, pursuant to the authority hereby given, are hereby ratified and confirmed.

This appointment is made pursuant to the following By-Laws which were duly adopted by the Board of Directors of the said Company on December 8th, 1927, with Amendments to and including April 6, 1978 and are still in full force and effect:

ARTICLE VII, SECTION 1:

"Policies, bonds, recognizances, stipulations, consents of surety, underwriting undertakings and instruments relating thereto.
Insurance policies, bonds, recognizances, stipulations, consents of surety and underwriting undertakings of the Company, and releases, agreements and other writings relating in any way thereto or to any claim or loss thereunder, shall be signed in the name and on behalf of the Company

(a) by the Chairman of the Board, the President, a Vice President or a Resident Vice President and by the Secretary, an Assistant Secretary, a Resident Secretary or a Resident Assistant Secretary; or (b) by an Attorney-in-Fact for the Company appointed and authorized by the Chairman of the Board, the President or a Vice President to make such signature; or (c) by such other officers or representatives as the Board may from time to time determine.

The seal of the Company shall if appropriate be affixed thereto by any such officer, Attorney-in-Fact or representative."

IN WITNESS WHEREOF, SEABOARD SURETY COMPANY has caused these presents to be signed by one of its Vice-Presidents, and its corporate seal to be hereunto affixed and duly attested by one of its Assistant Secretaries, this 14th day of September, 1976

Attest:

(Seal) Karen Hayes
Assistant Secretary

SEABOARD SURETY COMPANY,

By R. T. Gundersen
Vice-President

STATE OF NEW YORK }
COUNTY OF NEW YORK } ss.:

On this 27th day of September, 1978, before me personally appeared R. T. Gundersen a Vice-President of SEABOARD SURETY COMPANY, with whom I am personally acquainted, who, being by me duly sworn, said that he resides in the State of New York; that he is a Vice-President of SEABOARD SURETY COMPANY, the corporation described in and which executed the foregoing instrument; that he knows the corporate seal of the said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto as Vice-President of said Company by like authority.

State of New York
No. 41-7493475 Qualified in Queens County
Cert. filed in New York County
Commission Expires March 30, 1980

(S.)

Anita J. Leonard
Notary Public

CERTIFICATE

I, the undersigned Assistant Secretary of SEABOARD SURETY COMPANY do hereby certify that the original Power of Attorney of which the foregoing is a full, true and correct copy, is in full force and effect on the date of this Certificate and I do further certify that the Vice President who executed the said Power of Attorney was one of the Officers authorized by the Board of Directors to appoint an attorney-in-fact as provided in Article VII, Section 1, of the By-Laws of SEABOARD SURETY COMPANY.

This Certificate may be signed and sealed by facsimile under and by authority of the following resolution of the Board of Directors of SEABOARD SURETY COMPANY at a meeting duly called and held on the 28th day of June 1978.

"RESOLVED: (2) That the use of a printed facsimile of the corporate seal of the company and of the signature of an Assistant Secretary on any certification of the correctness of a copy of an instrument executed by the President or a Vice-President pursuant to Article VII, Section 1, of the By-Laws appointing and authorizing an attorney-in-fact to sign in the name and on behalf of the company surety bonds, underwriting undertakings or other instruments described in said Article VII, Section 1, with like effect as if such seal and such signature had been manually affixed and made, hereby is authorized and approved."

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Company to these presents this 20th day of NOVEMBER, 1980

SEABOARD SURETY COMPANY · 1927 · STATE OF NEW YORK

Marian Merkt
Assistant Secretary

Form 957 (Rev. 6-78)

SECTION PC

PARTNERSHIP CERTIFICATE:

STATE OF _____

_____ COUNTY

On this _____ day of _____, 19____, before me

personally appeared _____

known to me to be the person who executed the above instrument, who, being by me first duly sworn, did expose and say that he is a general partner in the firm of _____

_____

and that said firm consists of himself and

_____

_____

and that he executed the foregoing instrument, on behalf of said firm for the uses and purposes stated therein, and that no one except the above named members of the firm have any financial interest whatsoever in said proposed contract.

_____

Subscribed and sworn to before me, this _____ day of

_____, 19____.

_____

Notary Public

My Commission Expires:

_____

SECTION CC

CORPORATE CERTIFICATE:

I, LOUIS A. WESTRICK, certify that I am the Secretary of the corporation named as Contractor in the foregoing proposal; that RICHARD F. SMITH, who signed said proposal in behalf of the Contractor was then PRESIDENT of said corporation, that said proposal was duly signed for and in behalf of said corporation by authority of its Board of Directors, and is within the scope of its corporate powers; that said corporation is organized under the laws of the State of KENTUCKY.

This 20th day of NOVEMBER, 1980.

RUBY-COLLINS, INC.
Louis A. Westrick L.S.

(SEAL)

PROPOSAL

TO: THE CITY OF ATHENS
ATHENS, GEORGIA
ADDITIONS TO THE WATER SYSTEM
CONTRACT NO. 800023-01

GENTLEMEN:

The undersigned, as Bidder, hereby declares that the only person, company, or parties interested in this Proposal or the Contract to be entered into, as Principals, are named herein; and that this Proposal is made without connection with any other person, company, or parties making a bid or proposal; and that it is in all respects fair and in good faith without collusion or fraud.

That the Bidder has carefully examined and fully understands the Contract, Plans and Specifications, and other Documents hereto attached, and has made a personal examination of the site of the proposed work, and has satisfied himself as to the actual conditions and requirements of the work, and that he hereby proposes and agrees that if his Proposal is accepted, he will enter into Contract with the City of Athens, Georgia, in the form of Contract hereto attached, to furnish all necessary machinery, tools, apparatus, and other means of construction, and all materials, equipment, and labor necessary to construct and complete the work specified under the following items, and in the Contract, and called for by the Plans, in the manner specified and in the time mentioned, according to the requirements as hereinafter set forth, for the following prices, each price to include all cost incidental to the work to which it applies, to-wit:

BID SCHEDULE

Item No.	Description	Quantity	Unit	Unit Price	Amount
1.	Furnish & Install 30" D.I. Water Main	19,620	L.F.	$ 52	$ 1020240
2.	Furnish & Install 30" D.I. Restrained Joint Water Main	608	L.F.	$ 85.	$ 51,680.
3.	Furnish & Install 30" D.I. Ball Joint Water Main	205	L.F.	$ 550.	$ 112,750.

Item No.	Description	Quantity	Unit	Unit Price	Amount
4.	Furnish & Install 24" D.I. Water Main	16,430	L.F.	$ 35.	$ 575,050.
5.	Furnish & Install 24" D.I. Restrained Joint Water Main	366	L.F.	$ 60.	$ 21,960.
6.	Furnish & Install 20" D.I. Water Main	4,080	L.F.	$ 34.	$ 138,720.
7.	Furnish & Install 20" D.I. Ball Joint Water Main	205	L.F.	$ 340.	$ 69,700.
8.	Furnish & Install 16" D.I. Water Main	35	L.F.	$ 24.	$ 840.
9.	Furnish & Install 12" D.I. Water Main	40	L.F.	$ 20.	$ 800.
10.	Furnish & Install 10" D.I. Water Main	180	L.F.	$ 15.	$ 2700
11.	Furnish & Install 8" D.I. Water Main	120	L.F.	$ 12.	$ 1440.
12.	Furnish & Install 6" D.I. Water Main	240	L.F.	$ 10.	$ 2400.
13.	Furnish & Install D.I. Fittings	45.0	Tons	$ 0.00	$ 0.00
14.	Furnish & Install 36" Butterfly Valve & Box	2	Ea.	$ 8000.	$ 16,000.
15.	Furnish & Install 30" Butterfly Valve & Box	2	Ea.	$ 6000.	$ 12000.
16.	Furnish & Install 24" Butterfly Valve & Box	5	Ea.	$ 3000.	$ 15000.
17.	Furnish & Install 20" Butterfly Valve & Box	2	Ea.	$ 2200.	$ 4400.

Item No.	Description	Quantity	Unit	Unit Price	Amount
18.	Furnish & Install 16" Butterfly Valve & Box	2	EA.	$ 1400.	$ 2800.
19.	Furnish & Install 12" Butterfly Valve & Box	2	Ea.	$ 1000.	$ 2000.
20.	Furnish & Install 10" Butterfly Valve & Box	7	Ea.	$ 850.	$ 5950.
21.	Furnish & Install 8" Gate Valve & Box	4	Ea.	$ 350.	$ 1400.
22.	Furnish & Install 6" Gate Valve & Box	9	Ea.	$ 300.	$ 2700.
23.	Furnish & Install 16" x 16" Tapping Sleeve, Valve & Box	1	Ea.	$ 4700.	$ 4700.
24.	Furnish & Install 10"x10" Tapping Sleeve, Valve & Box	2	Ea.	$ 1200.	$ 2400.
25.	Furnish & Install 8"x8" Tapping Sleeve, Valve & Box	2	Ea.	$ 950.	$ 1900.
26.	Furnish & Install Fire Hydrant	8	Ea.	$ 800.	$ 6400.
27.	Furnish & Install 40 L.F. Casing Under Tallassee Rd.		L.S.		$ 24,500.
28.	Furnish & Install 124 L.F. Casing Under Jefferson Rd.		L.S.		$ 10,360.
29.	Furnish & Install 104 L.F. Casing Under Seaboard Coast Line Railroad		L.S.		$ 67,560.

Item No.	Description	Quantity	Unit	Unit Price	Amount
30.	Furnish & Install 60 L.F. Casing Under Chase St.			L.S.	$ 36,400.
31.	Furnish & Install 80 L.F. Casing Under Barber St.			L.S.	$ 48,200.
32.	Furnish & Install 200 L.F. Casing Under U.S. 29 By-Pass			L.S.	$ 118,000.
33.	Furnish & Install 40 L.F. Casing Under Southern Railroad			L.S.	$ 23,600.
34.	Furnish & Install 2" Air Release Valve & Manhole	13	Ea.	$ 1100.	$ 14,300
35.	Furnish & Install 1" Air Release Valve & Manhole	13	Ea.	$ 900.	$ 11,700.
36.	Construct road from Chase St. to Barber St. including all Cross Drains		L.S.		$ 7000.
37.	Furnish & Place Crusher Run Base Material	1,000	Tons	$ 9.	$ 9000.
38.	Pavement Replacement Type I	320	L.F.	$ 8	$ 2560.
39.	Pavement Replacement Type II	1,650	L.F.	$ 10.	$ 16,500.
40.	Pavement Replacement Concrete	90	L.F.	$ 15.	$ 1350
41.	Concrete Blocking & Miscellaneous Concrete	90	C.Y.	$ 60.	$ 5400.

Item No.	Description	Quantity	Unit	Unit Price	Amount
42.	Trench Stabilization	2,000	C.Y.	$ 0.00	$ 0.00
43.	Rock Excavation	15,500	C.Y.	$25.00	$ 387,500.00

TOTAL AMOUNT BID $ 2,921,810.00

* Deduct $225,000. if project Built as unclassified excavation.

ALTERNATE PROPOSAL
PRESTRESSED CONCRETE CYLINDER PIPE & FITTINGS

The Bidder has submitted a bid based on using Ductile Iron Pipe. If the Owner elects to use Prestressed Concrete Cylinder Pipe and Fitting in lieu of Ductile Iron Pipe and Fittings on any one size or on all sizes, the following amounts will be added to or deducted from the prices stated in the base bid. The Owner shall have the option of using either Prestressed Concrete Cylinder Pipe and Fittings or Ductile Iron Pipe and Fittings or a combination thereof.

NOTE: BIDDER SHALL INDICATE ADDITION OR DEDUCTION BY CROSSING OUT THE UNDERLINED WORDS NOT APPLICABLE.

44. (a) Furnish & Install 30" Prestressed Concrete Pipe
Add To or Deduct From Base Bid Item No. 1 $ 5.00 per foot

(b) Furnish & Install 30" Prestressed Concrete Fittings
Add To or Deduct From Base Bid Item No. 13 $ 5.00 L.S.

45. (a) Furnish & Install 30" Prestressed Concrete Bell Bolt Joint Pipe
Add To or Deduct From Base Bid Item No. 2 $ 5.00 per foot

(b) Furnish & Install 30" Prestressed Concrete Bell Bolt Joint Fittings
Add To or Deduct From Base Bid Item No. 13 $ 5.00 L.S.

46. Furnish & Install 30" Subaqueous Prestressed Concrete Pipe
Add To or Deduct From Base Bid Item No. 3 $ 5.00 per foot

47. (a) Furnish & Install 24" Prestressed Concrete Pipe
Add To or Deduct From Base Bid Item No. 4 $ 5.00 per foot

(b) Furnish & Install 24" Prestressed Concrete Fittings
Add To or Deduct From Base Bid Item No. 13 $ 5.00 L.S.

48. (a) Furnish & Install 24" Prestressed Concrete Bell Bolt Joint Pipe
Add To or Deduct From Base Bid Item No. 5 $ 5.00 per foot

(b) Furnish & Install 24" Prestressed Concrete Bell Bolt Joint Fittings
Add to or Deduct From Base Bid Item No. 13 $ 5000.00 L.S.

49. (a) Furnish & Install 20" Prestressed Concrete Pipe
Add To or Deduct From Base Bid Item No. 6 $ 5.00 per foot

(b) Furnish & Install Prestressed Concrete Fittings
Add To or Deduct From Base Bid Item No. 13 $ 5.00 L.S.

50. Furnish & Install 20" subaqueous Prestressed Concrete Pipe
Add To or Deduct From Base Bid Item No. 7 $ 5.00 per foot

NOTE: In case of discrepancies between the figures shown in the unit prices and total amounts, the unit prices shall apply and the amounts shall be corrected to agree with the unit prices.

All Bidders must bid on every item as listed in the Proposal.

Proposals for construction of the Middle Oconee Raw Water Station, Job No. 800024, will also be received at the same time and place. Bidders may bid on either one or both contracts. Bidder submitting bids on both contracts will be afforded the opportunity of offering a lump sum deduct if awarded both contracts. This deductible lump sum amount, if offered, shall be deducted from the lump sum amount bid for the construction of the Middle Oconee Raw Water Station, Job No. 800024. The Owner reserves the right to award each contract to separate bidders or both contracts to one bidder.

It is understood and agreed that the quantities listed in this Proposal are approximate only and are intended principally to serve as a guide in comparing bids, and may be increased or decreased without invalidating the unit prices bid.

The Bidder agrees hereby to commence work under this Contract on or before a date to be specified in written "Notice to Proceed" of the Owner and to fully complete the project within 365 consecutive calendar days thereafter as stipulated in the Specifications. The Bidder further agrees to pay as liquidated damages, the sum of two hundred and fifty ($250.00) dollars for each consecutive calendar day thereafter as hereinafter provided.

The undersigned furthermore agrees that, in case of failure on his part to execute said Contract and Bond within ten (10) days after being awarded the Contract, the check or bond accompanying

his bid and the money payable thereon shall become the property of the City; otherwise, the check or bond accompanying this proposal shall be returned to the undersigned.

Bidder acknowledges receipt of the following addendum:

#1 dlw

#2 dlw

Attached hereto is a certified check or Bid Bond on the

_____ of 5% of Bid

in the amount of _____

_____ Dollars ($_____).

according to conditions under INSTRUCTION TO BIDDERS.

The full name and residences of persons or parties interested in the foregoing bid, as Principals, are as follows:

Dennis L. Moorehead 105 Ferree Pl.
Graniteville, S.C 29829.
G. Fain Slaughter Jr. Belmont Rd.
Athens, GA.

Dated at _____ the _____ day of

_____, 1980.

Underground Utilities Inc

By Dennis L Moorhead

The Bidder has based his bid upon and proposes to furnish equipment produced by the following:

Item No.	Equipment	Manufacturer	Representative or Vendor
1.	Gate Valves	American	American Cast Iron
2.	Fire Hydrants	Mueller	Davis Water

Bond No.

GULF INSURANCE COMPANY

EXECUTIVE OFFICES — DALLAS, TEXAS

BID BOND

KNOW ALL MEN BY THESE PRESENTS,

That we, W. L. Carey, General Contractor, Inc.

Royston, Georgai (hereinafter called the "Principal"), as Principal, and GULF INSURANCE COMPANY, a corporation duly organized under the laws of the State of Missouri, with Executive Offices in Dallas, Texas, (hereinafter called the "Surety"), as Surety, are held and firmly bound unto City of Athens, Georgia

(hereinafter called the "Obligee"), in the sum of Five Percent (5%) of Principal's Bid Dollars ($), for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for

Water System Addition, for City of Athens, Georgia

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or contract documents with good and sufficient surety for the faithful performance of such contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter into such contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 20th day of November A. D. 19 80.

In the presence of:

Joe T Gask

Judy D. Averett

W. L. Carey, General Contractor, Inc. [SEAL]
(Principal)

By: W L Carey

(Title) PRESIDENT

GULF INSURANCE COMPANY
(Surety)

By William L Hix

Attorney in fact
William L. Hix

FORM 1S526 (12-68)

A STOCK COMPANY

No. _____

FORM OF BOND _____

EFFECTIVE _____ 19 ____

ON _____

TO _____

_____

GULF INSURANCE COMPANY

EXECUTIVE OFFICES
DALLAS, TEXAS

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS:

That GULF INSURANCE COMPANY, a corporation of the State of Missouri, hereinafter called Company, Does hereby appoint

TRENTON TUNNELL, JR. or CLARENCE M. GLENN or WINNIE L. NORRIS or WILLIAM E. PITTS or WILLIAM L. HIX or ROBERT L. POTTS, JR. or LEROY N. MYHRE or CINDY F. RICKS or JUDY D. AVERETT or JERRY BOUTWELL or J. BENSON MYERS or CHARLES R. UNDERWOOD or SANDRA JO FLOYD Atlanta, Georgia.

its true and lawful Attorney-in-fact to make, execute, seal and deliver on its behalf, as surety, any and all bonds and undertakings of suretyship.

The execution of such bonds or undertakings in pursuance of these presents shall be as binding upon the Company as if they had been executed and acknowledged by the regularly elected officers of the Company.

This Power of Attorney is issued pursuant to and by authority of the following resolution of the Board of Directors of the Company, adopted effective September 29, 1961, and now in full force and effect:

"Resolved that the President or any Vice President or any Secretary may appoint Attorneys-in-fact in any State, Territory or Federal District to represent this company and to act on its behalf within the scope of the authority granted to them in writing, which authority may include the power to make, execute, seal and deliver on behalf of this Company as surety, and as its act and deed any and all bonds and undertakings of suretyship and other documents that the ordinary course of surety business may require, including authority to appoint agents for the service of process in any jurisdiction, State or Federal and authority to attest to the signature of the President or any Vice President or any Secretary and to verify any affidavit or other statement relating to the foregoing, and to certify to a copy of any of the by-laws of the Company and to any resolutions adopted by its Board of Directors; and any such Attorney-in-fact may be removed and the authority granted him revoked by the President or any Vice President or any Secretary or by the Board of Directors."

This Power of Attorney and Certificate of Authority is signed and sealed by facsimile under and by authority of the following resolution voted by the Board of Directors of the Gulf Insurance Company at a meeting duly called and held on the 24th of July, 1973.

"Resolved that the signatures of Warren J. Kwedar, President, or of Frederick Boger, Senior Vice President, or of Arthur C. Werden, Vice President, or of Jack W. Maynard, Vice President, or of William E. Elston, Vice President, or of Douglas Simpson, Secretary, or of R. C. Fetherston, Secretary, and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Attorneys-in-fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached."

In Witness whereof, the Company has caused this Power of Attorney to be signed and its corporate seal to be affixed by its authorized officer, this 20th day of October 1980.

GULF INSURANCE COMPANY CORPORATE SEAL MISSOURI (SEAL)

By Jack W. Maynard
JACK W. MAYNARD VICE PRESIDENT

STATE OF TEXAS
COUNTY OF DALLAS } ss:

On this 20th day of October 1980, before me, a Notary Public of the State and County aforesaid, residing therein, duly commissioned and sworn, personally came the above named officer of the Company, who being by me first duly sworn according to law, did depose and say that he is that officer of the Company described in and which executed the foregoing instrument; that he knows the seal of the Company; that the seal affixed to such instrument is the corporate seal of the Company; and that the corporate seal and his signature as such officer were affixed and subscribed to the said instrument by the authority and direction of the Company.

(SEAL)

Clifford R. Beard
CLIFFORD R. BEARD NOTARY PUBLIC

My commission expires the 30th day of June 19 84.

CERTIFICATE

I, The undersigned, do hereby certify that the original Power of Attorney of which the foregoing is a true and correct copy is in full force and effect, and the foregoing resolution is a true and correct transcript from the records of the Company, and that the above named officer was on the date of execution of the foregoing Power of Attorney authorized to execute this Power of Attorney.

GULF INSURANCE COMPANY CORPORATE SEAL MISSOURI (SEAL)

In Witness whereof, I have hereunto subscribed by name and affixed the corporate seal of the Company this 20 day of November 19 80.

Douglas Simpson
DOUGLAS SIMPSON SECRETARY

Form 1 S 977 (9-73)